

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

U-74869

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL

☒ DEEPEN

1b. TYPE OF WELL

OIL

GAS

SINGLE

MULTIPLE

WELL ☒WELL ☐OTHER ☐ZONE ☐ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Tar Sands Federal

9. WELL NO.

#16-29

3. ADDRESS OF OPERATOR

P.O. Box 790233 Vernal, UT 84079

Phone: (801) 789-1866

10. FIELD AND POOL OR WILDCAT

Monument Butte

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At Surface SE/SE

At proposed Prod. Zone

575' FSL & 649' FEL

11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA

Sec. 29, T8S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

9.9 Miles southeast of Myton, Utah

12. County

Duchesne

13. STATE

UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY
OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

575'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL,
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

1146'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5161.4' GR

22. APPROX. DATE WORK WILL START*

3rd Quarter 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	300'	120 sx
7 7/8"	5 1/2"	15.5#	TD	400 sx followed by 330 sx
				See Detail Below

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE - Premium Plus Cement, w/ 2% CaCl₂, 1/4# Flocele/skWeight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED


Brad Mechem

TITLE District Manager

DATE 3/28/97

(This space for Federal or State office use)

PERMIT NO.

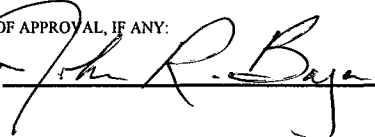
43-013-31871

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY



TITLE

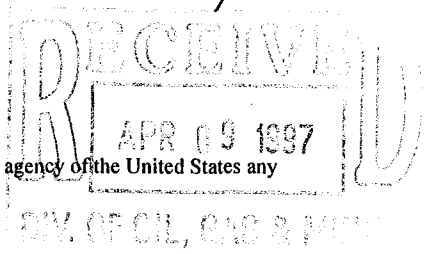
Petroleum Engineer

DATE

6/4/97

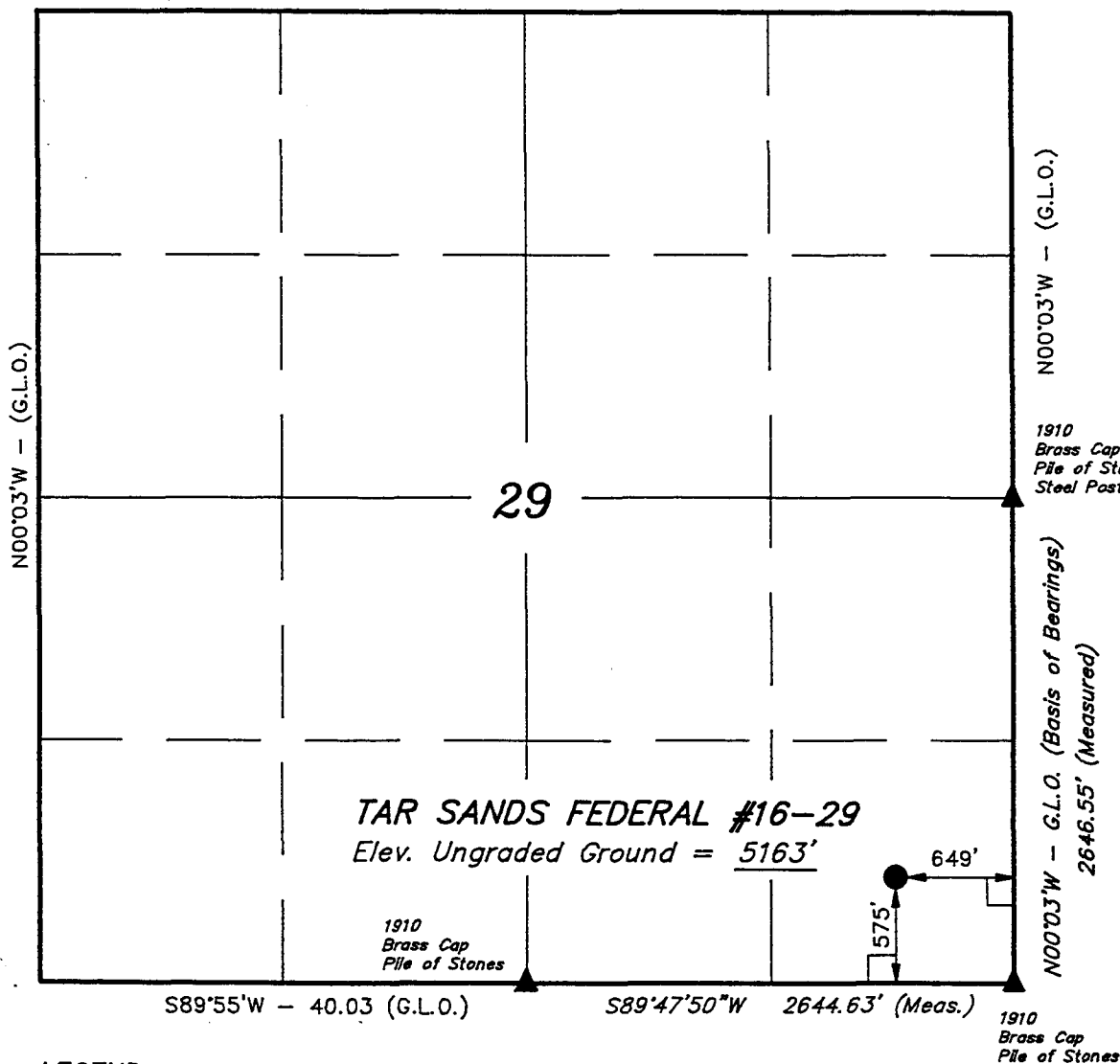
*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



T8S, R17E, S.L.B.&M.

S89°56'W - 80.08 (G.L.O.)



LEGEND:

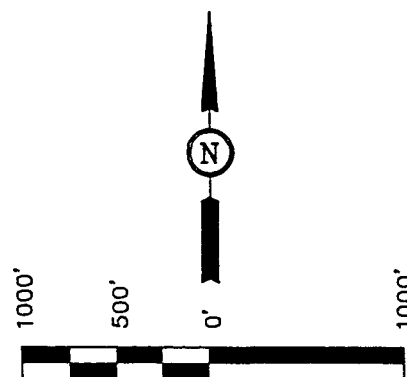
- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #16-29, located as shown in the SE 1/4 SE 1/4 of Section 29, T8S, R17E, S.L.B.&M. Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M86) LOCATED IN THE SW 1/4 OF SECTION 29, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5229 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

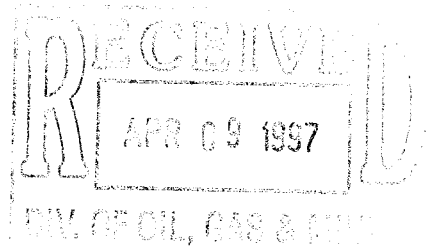
Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-20-96	DATE DRAWN: 12-09-96
PARTY J.F. M.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	



April 8, 1997



Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

State of Utah

Division of Oil Gas & Mining
1594 WN Temple Suite 1210
P O Box 145801
Salt Lake City, Utah 84114-5801


ATTENTION: Ed Forsman
Wayne Bankert

RE: Tar Sands Federal #8-30
Tar Sands Federal #16-29

Gentlemen,

Enclosed are the original's and two copies (each) of the Application For Permit To Drill, for the above referenced locations. Copies will also be submitted to The State of Utah.

Please contact me in the Vernal Branch office (801) 789-1866 (P.O. Box 790233, Vernal, UT, 84079,) if you have any questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #16-29
SE/SE SECTION 29, T8S, R17E
DUCHESNE COUNTY, UTAH**

TEN POINT WELL PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 3050'
Green River	3050'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050' - 6500' - Oil

4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New)
5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Annular Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The well will be drilled with fresh water through the Uinta Formation. From the top of the Green River Formation @ 3050' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions of 5 lb. - 8 lb. per barrel of DAP (Di-Ammonium Phosphate, commonly known as fertilizer). This fresh water system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromate's will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Gamma Ray/Caliber from TD to base of surface casing @ 300' \pm , and a Compensated Neutron-Formation Density Log. Logs will run from TD to 3500' \pm . The cement bond log will be run from PBTD to cement top. An automated mud logging system will be utilized while drilling to monitor and record penetration rate, and relative gas concentration, in the fluid system.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence the third quarter of 1997, and take approximately six days to drill.

**INLAND PRODUCTION COMPANY
TAR SANDS FEDERAL #16-29
SE/SE SECTION 29, T8S, R17E
DUCHESNE COUNTY, UTAH**

THIRTEEN POINT WELL PROGRAM

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Tar Sands Federal #16-29 located in the SE 1/4 SE 1/4 Section 29, T8S, R17E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles \pm to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 7.9 miles to its junction with an existing dirt road to the east; proceed easterly along this road 1.8 miles to the beginning of the access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing location (Tar Sands Federal #13-28) in the SW1/4 SW 1/4 Section 28, T8S, R17E, S.L.B. & M., and proceeds in a westerly direction approximately 0.3 miles \pm , to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any Run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

TAR SANDS FEDERAL #16-29

There will be one culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

There are thirteen (13) producing oil wells, two (2) injection wells, and one (1) P&A Inland Production well, and one (1) P&A Dalon well, within a one (1) mile radius of this location. See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system, for the purpose of drilling and completing the Tar Sands Federal #16-29, or trucked from Inland Production Company's water supply line located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

See Location Layout Sheet - Exhibit "E".

A small reserve pit (80 X 30 X 6' deep, or less) will be constructed from native soil and clay materials. A water processing unit will be employed to continuously recycle the drilling fluid as it is used, returning the fluid component to the drilling rig's steel tanks. The reserve pit will primarily receive the processed drill cuttings (wet sand, shale & rock) removed from the well bore. Any drilling fluids which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed by the water recycling unit and then returned to the steel rig tanks. All drilling fluids will be fresh water based containing DAP (Di-Ammonium Phosphate, commonly known as fertilizer), typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be utilized in the reserve pit.

All completion fluids, frac gels, etc., will be contained in steel tanks and hauled away to approved commercial disposal, as necessary.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for re-injection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the west between stakes 4 & 5.

There will be no flare pit on this well.

The stockpiled topsoil (first six (6) inches) will be stored on the west side, between stakes 5 & 6.

Access to the well pad will be from the north between stakes 1 & 8.

A culvert shall be constructed across the access road, no smaller than 24".

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE

- a) *Producing Location*

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/ operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion . Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

- b) *Dry Hole Abandoned Location*

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Archaeological Cultural Resource Survey Report will be submitted, as soon as it becomes available.

Inland Production Company requests that a pipeline ROW be granted to the Tar Sands Federal #16-29, for a 3" poly gas line and a 4" poly return line. Both lines will be run on surface, easterly to the existing pipeline. A temporary line may be used from Johnson Water District, to provide water for drilling and completion. See Exhibit "G".

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Inland Production Company guarantees that during the drilling and completion of Tar Sands Federal #16-29 we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Inland also guarantees that during the drilling and completion of the Tar Sands Federal #16-29, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham

Address: P.O. Box 1446 Roosevelt, Utah 84066

Telephone: (801) 722-5103

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #16-29 SE/SE Section 29, Township 8S, Range 17E: Lease #U-74869 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4-1-97

Date



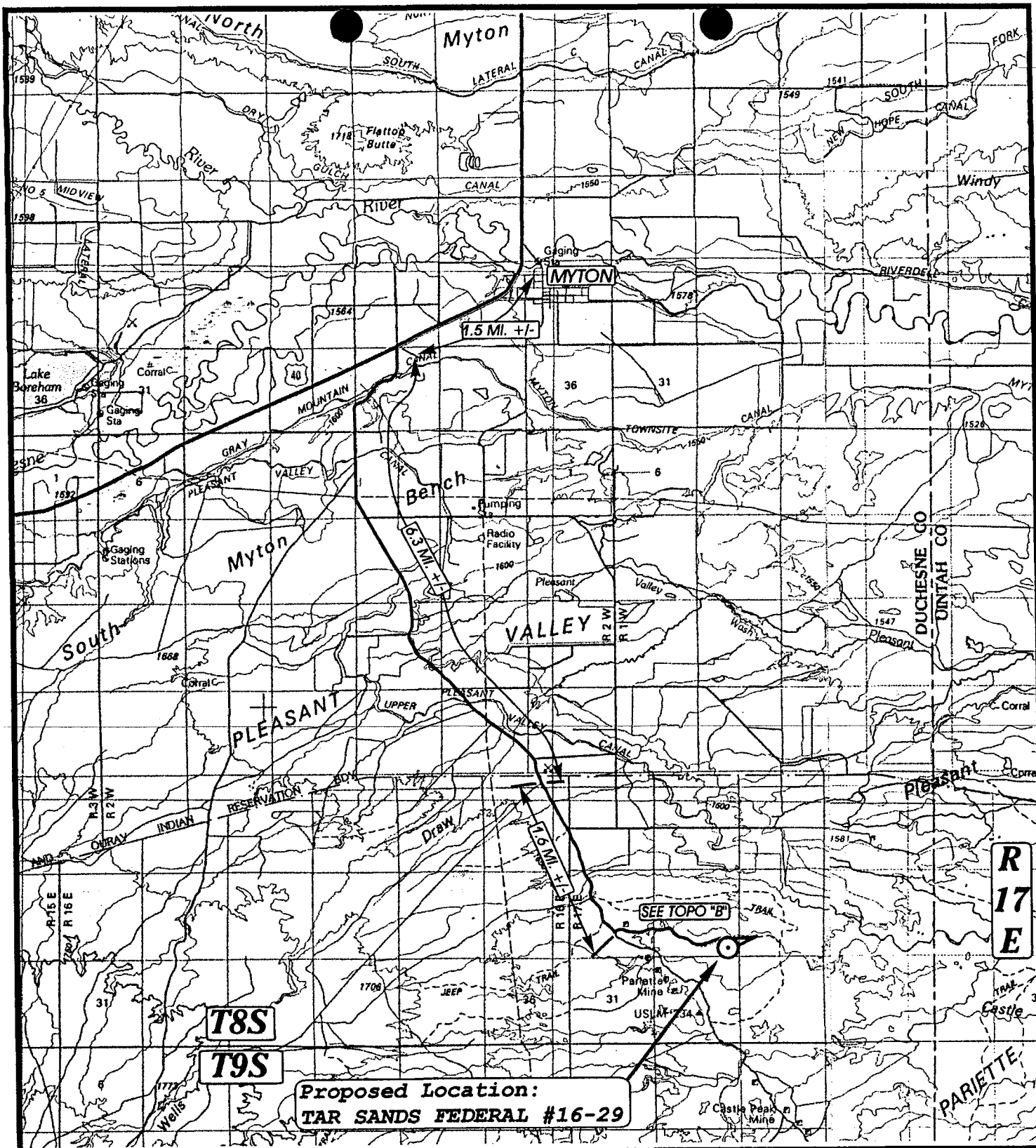
Brad Mecham
District Manager

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

INACTIVE NESTS

FERRUGINOUS HAWK

1. No new construction or surface disturbing activities will be conducted with a 0.5 mile radius of an inactive nest. This COA may be modified based on one or more of the following mitigative opportunities:
 - a. The nest has showed no signs of breeding/nesting activity for at least two consecutive breeding seasons or,
 - b. The biologist has determined that the nests in question are in such poor condition that monitoring the nests for two breeding seasons is not necessary.
 - c. Artificial Nesting Platforms will be constructed and placed by the operator. Up to 3 platforms will be constructed for each natural nest involved in mitigation. The BLM AO will determine the placement of the platforms.
2. From May 30 through February 28, new construction or surface-disturbing activities will be conducted within a 0.5 mile of an inactive nest subject to the following restrictions:
 - a. Where possible, well pads proposed for construction within 0.25 miles of an active nest will be placed where permanent facilities will not be visible from the nest. Access roads to well pads will be designed to avoid line-of sight visibility from inactive nests to the maximum extent practical.
 - b. Wells proposed within 0.5 miles of an inactive next will be either converted to injection wells or equipped with muffled multi-cylinder engines or with equipment of comparable quietness.
3. Road access from the main road will be limited to a single-lane improved road for each well. During normal operations human access to injection wells will be limited to 4 trips per month by a single lease operator driving a full size pickup. Human access to producing wells will be limited to 1 trip per day by a single lease operator driving a full-size pickup.
4. Storage tanks and heater-treaters for new wells will be positioned at least 0.5 miles from the active nest in common tank/treater batteries or will use an existing facility. No crude oil haul/tanker trucks will enter the 0.5 mile radius from an inactive nest.



UEIS

**TOPOGRAPHIC
MAP "A"**

DATE: 12-10-96

Drawn by: D.COX

REVISED: 3-20-97 D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

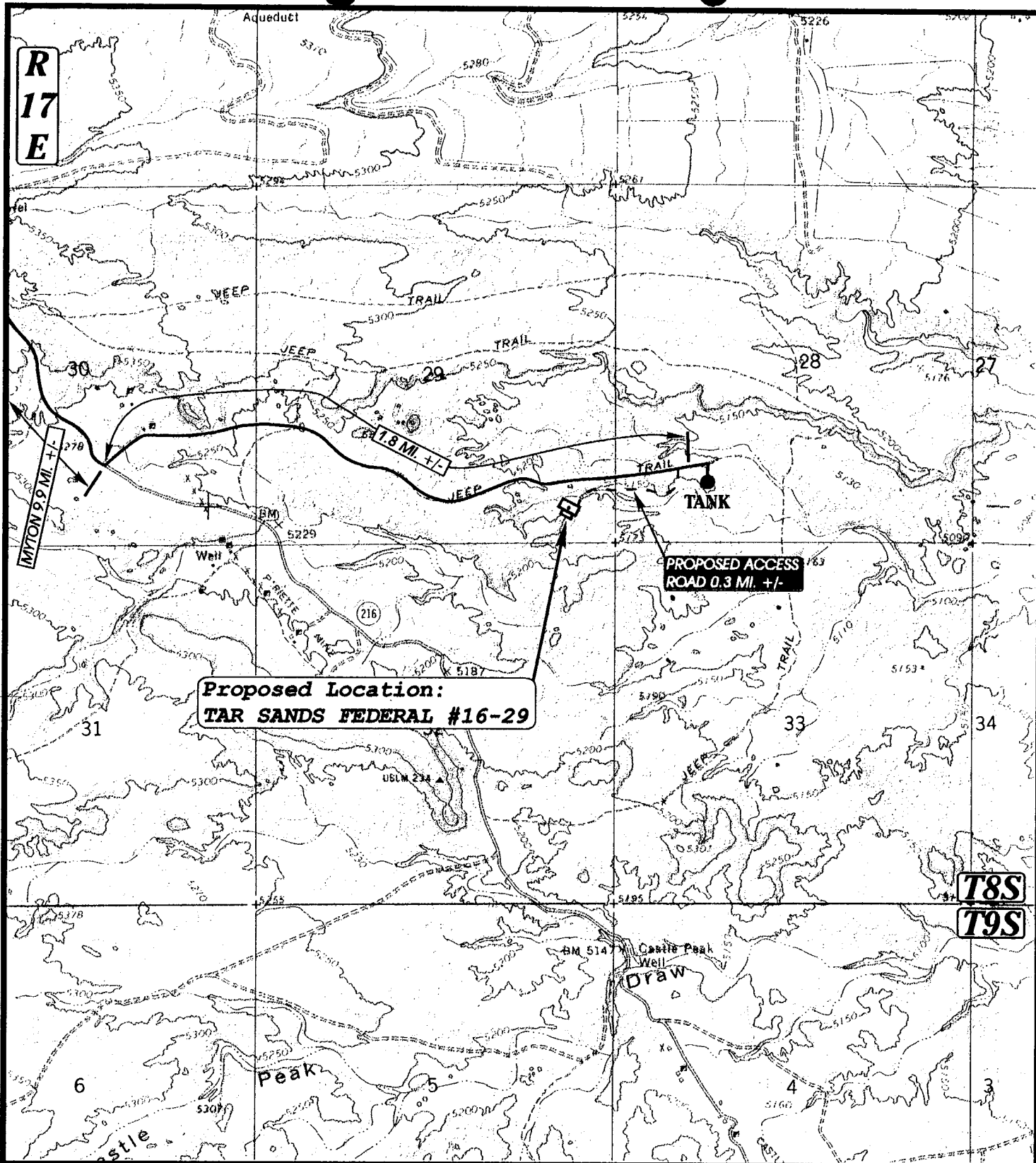


INLAND PRODUCTION CO.

TAR SANDS FEDERAL #16-29

SECTION 29, T8S, R17E, S.L.B.&M.

575' FSL 649' FEL



UELS

**TOPOGRAPHIC
MAP "B"**

DATE: 12-10-96

Drawn by: D.COX

REVISED: 3-20-97 D.COX

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

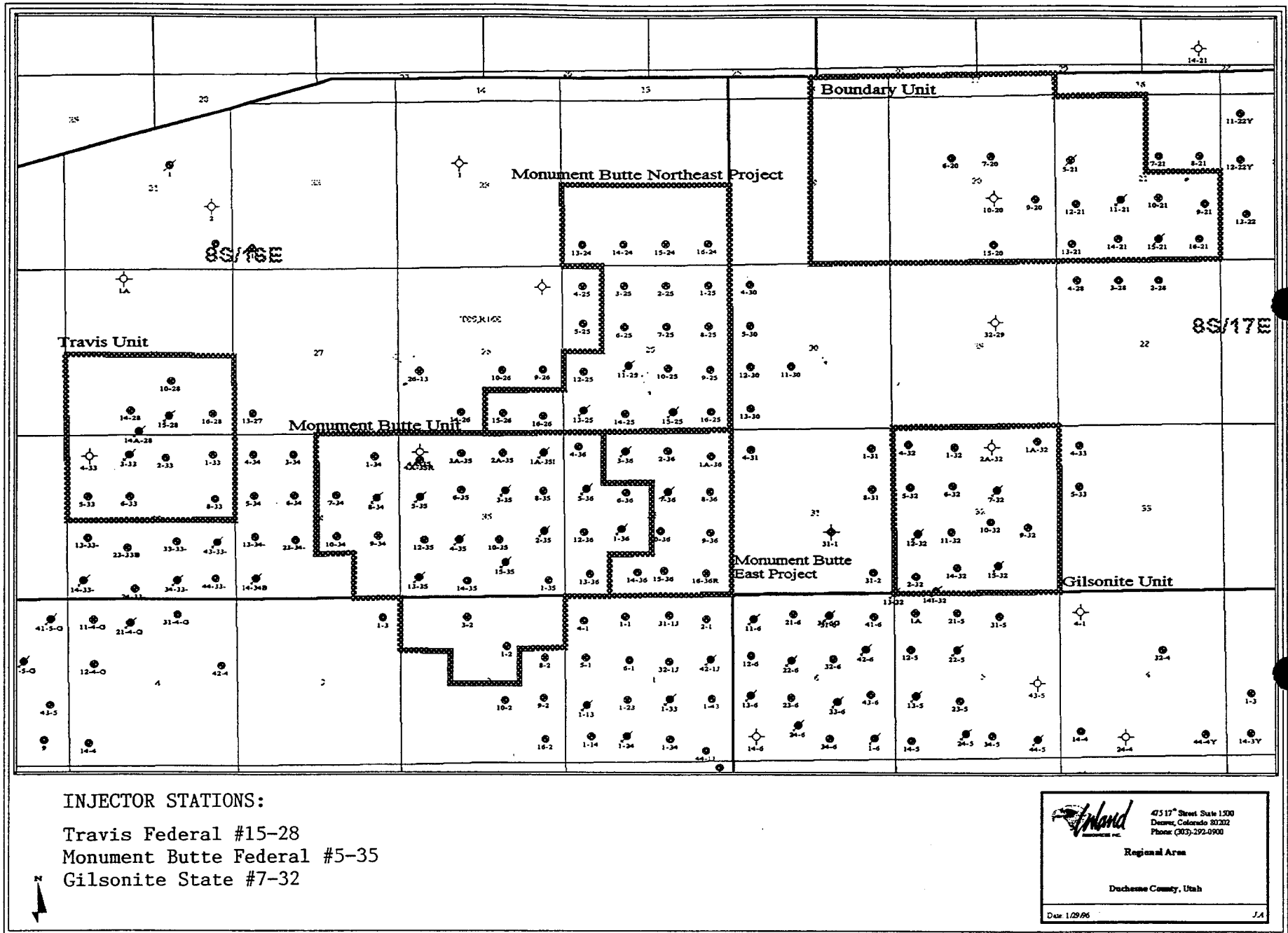


SCALE: 1" = 2000'

INLAND PRODUCTION CO.

**TAR SANDS FEDERAL #16-29
SECTION 29, T8S, R17E, S.L.B.&M.
575' FSL 649' FEL**

EXHIBIT "C"



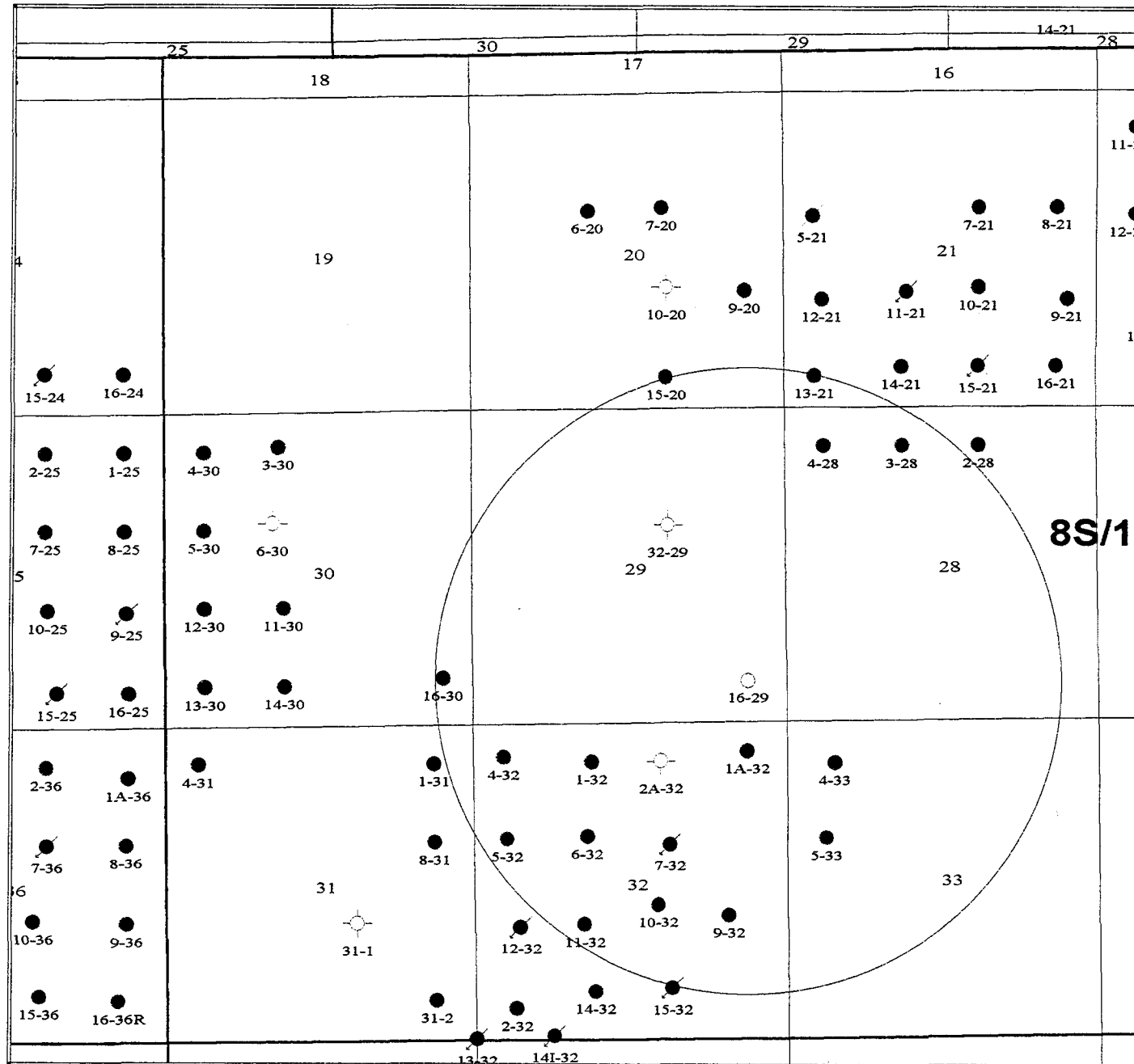
Inland
47517th Street Suite 1200
Denver, Colorado 80232
Phone (303) 292-0900


Regional Area

Duchesne County, Utah

Date 1/29/96 J.A.

EXHIBIT "D"





475 17th Street Suite 1500
 Denver, Colorado 80202
 Phone: (303) 292-0900

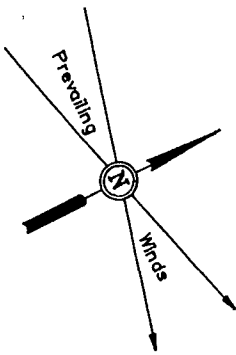
Tar Sands Federal #16-29
 One Mile Radius
 Duchesne County, Utah

Date: 3/28/97 J.A.

INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

TAR SANDS FEDERAL #16-29
SECTION 29, T8S, R17E, S.L.B.&M.
575' FSL 649' FEL

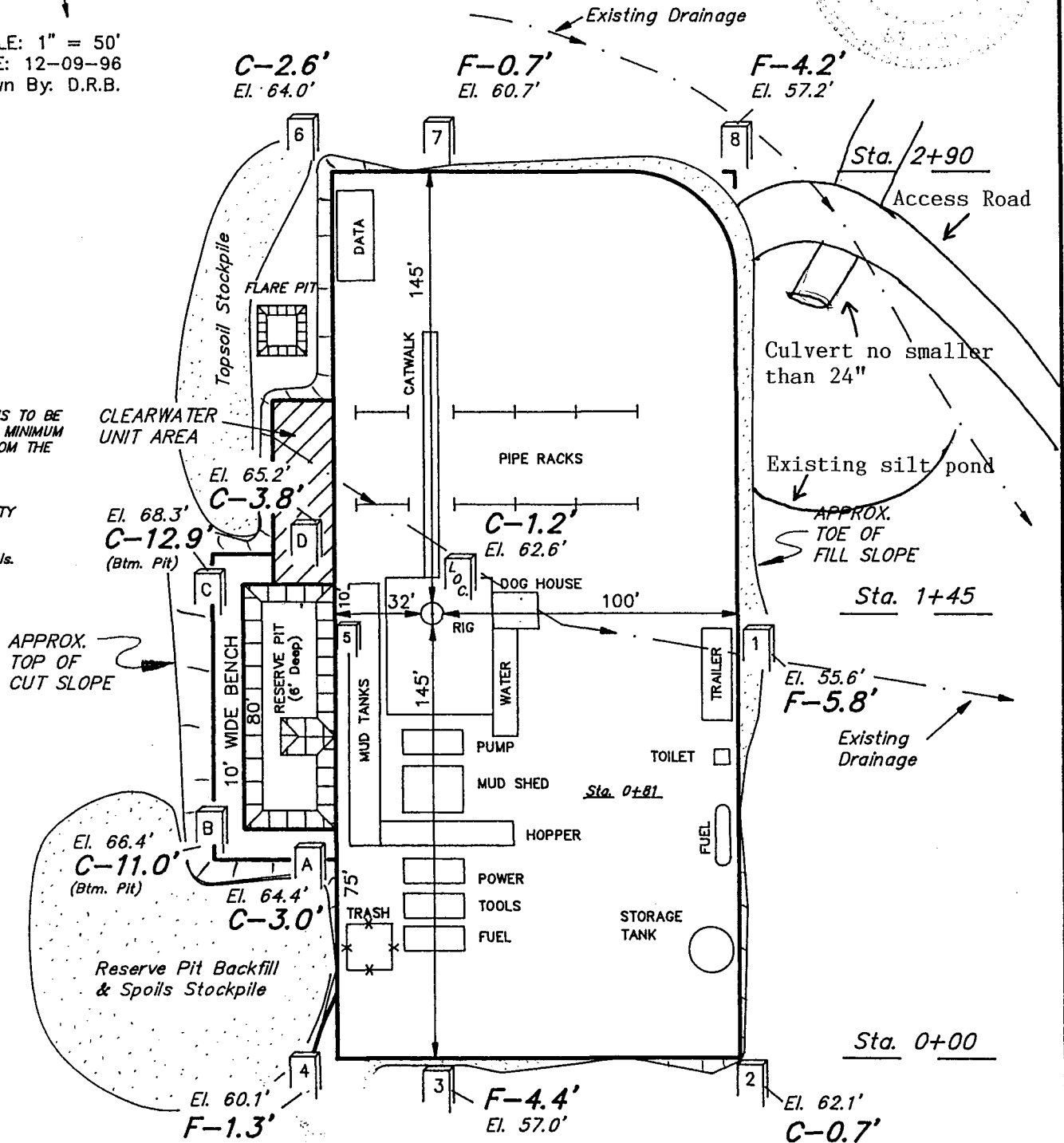


SCALE: 1" = 50'
DATE: 12-09-96
Drawn By: D.R.B.

NOTE:

FLARE PIT IS TO BE LOCATED A MINIMUM OF 125' FROM THE WELL HEAD.

NOTE:
PIT CAPACITY
WITH 2' OF
FREEBOARD
= 1,010 Bbbls.



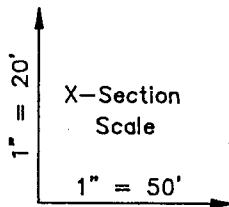
Elev. Ungraded Ground at Location Stake = 5162.6'
Elev. Graded Ground at Location Stake = 5161.4'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

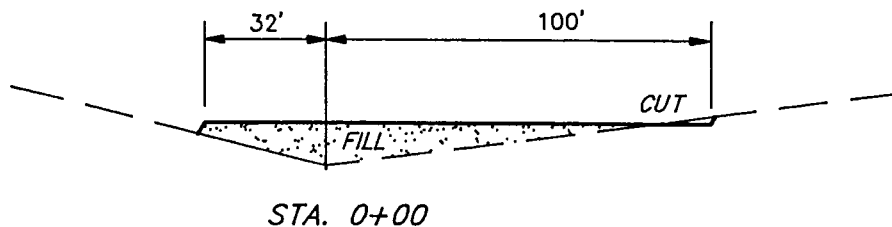
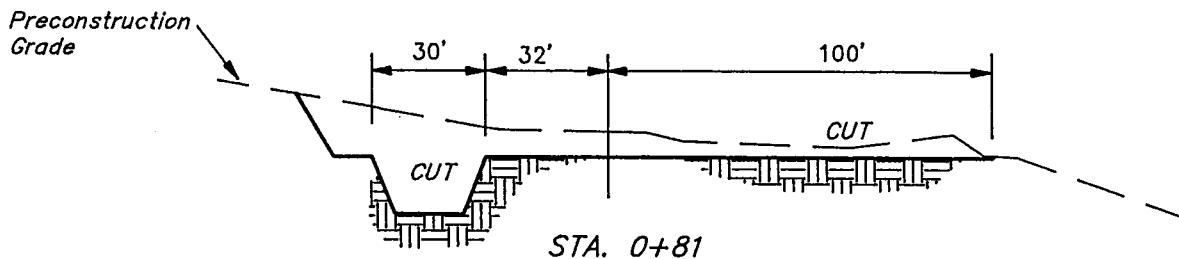
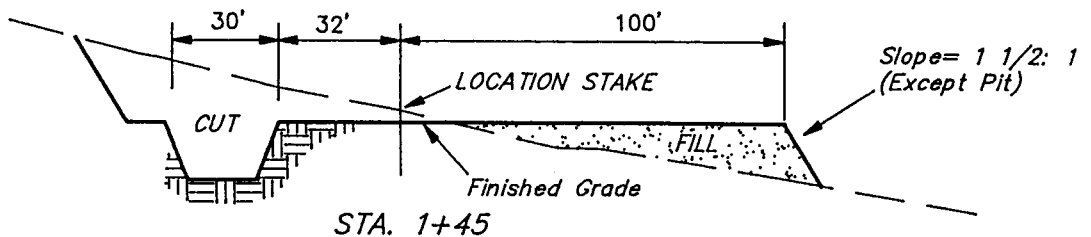
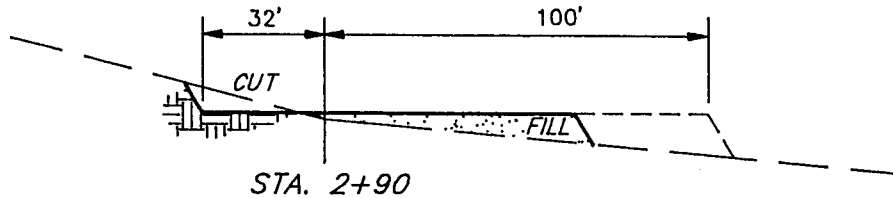
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

TAR SANDS FEDERAL #16-29
SECTION 29, T8S, R17E, S.L.B.&M.
575' FSL 649' FEL



DATE: 2-09-96
Drawn By: D.R.B.



APPROXIMATE YARDAGES

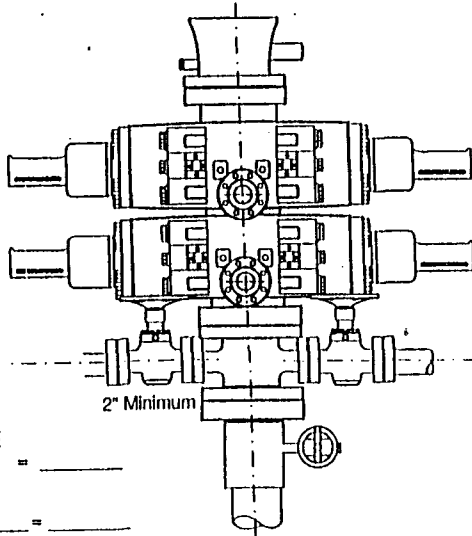
CUT	
(6") Topsoil Stripping	= 750 Cu. Yds.
Remaining Location	= 2,560 Cu. Yds.
TOTAL CUT	= 3,310 CU.YDS.
FILL	= 2,240 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 950 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 950 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

RAM TYPE B.O.P.
 Make:
 Size:
 Model:

2-M SYSTEM



GAL TO CLOSE

Annular BOP = _____

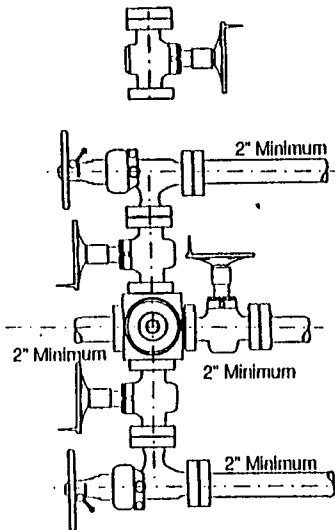
Ramtype BOP

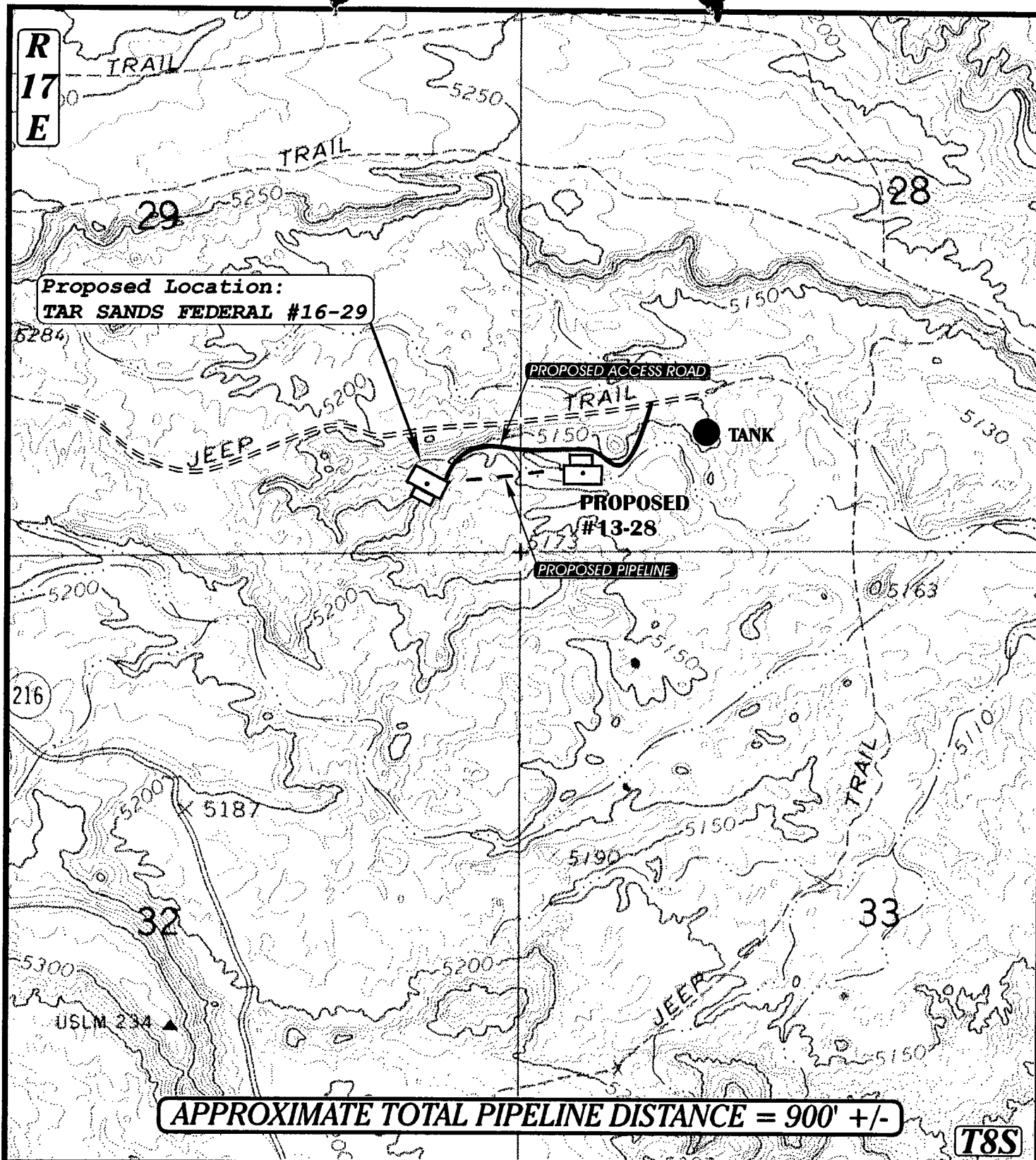
____ Rams x _____ = _____

= _____ Gal.

_____ x 2 = _____ Total Gal.

Rounding off to the next higher
 increment of 10 gal. would require
 _____ Gal. (total fluid & nitro volume)





UELS

**TOPOGRAPHIC
MAP "G"**

- — — — Existing Pipeline
- - - - - Proposed Pipeline



UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 289-1017

SCALE: 1" = 1000'

INLAND PRODUCTION CO.

**TAR SANDS FEDERAL #16-29
SECTION 29, T8S, R17E, S.L.B.&M.**

DATE: 12-10-96

Drawn by: D.COX

REVISED: 3-20-97 D.COX

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/11/97

API NO. ASSIGNED: 43-013-31871

WELL NAME: TAR SANDS FEDERAL 16-29
OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:

SESE 29 - T08S - R17E
SURFACE: 0575-FSL-0649-FEL
BOTTOM: 0575-FSL-0649-FEL
DUCHESNE COUNTY
MONUMENT BUTTE FIELD (105)

LEASE TYPE: FED
LEASE NUMBER: U - 74869

PROPOSED PRODUCING FORMATION: GRRV

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number 4488944)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number GILSONITE STATE 9-32)
☒ RDCC Review (Y/N)
(Date: _____)

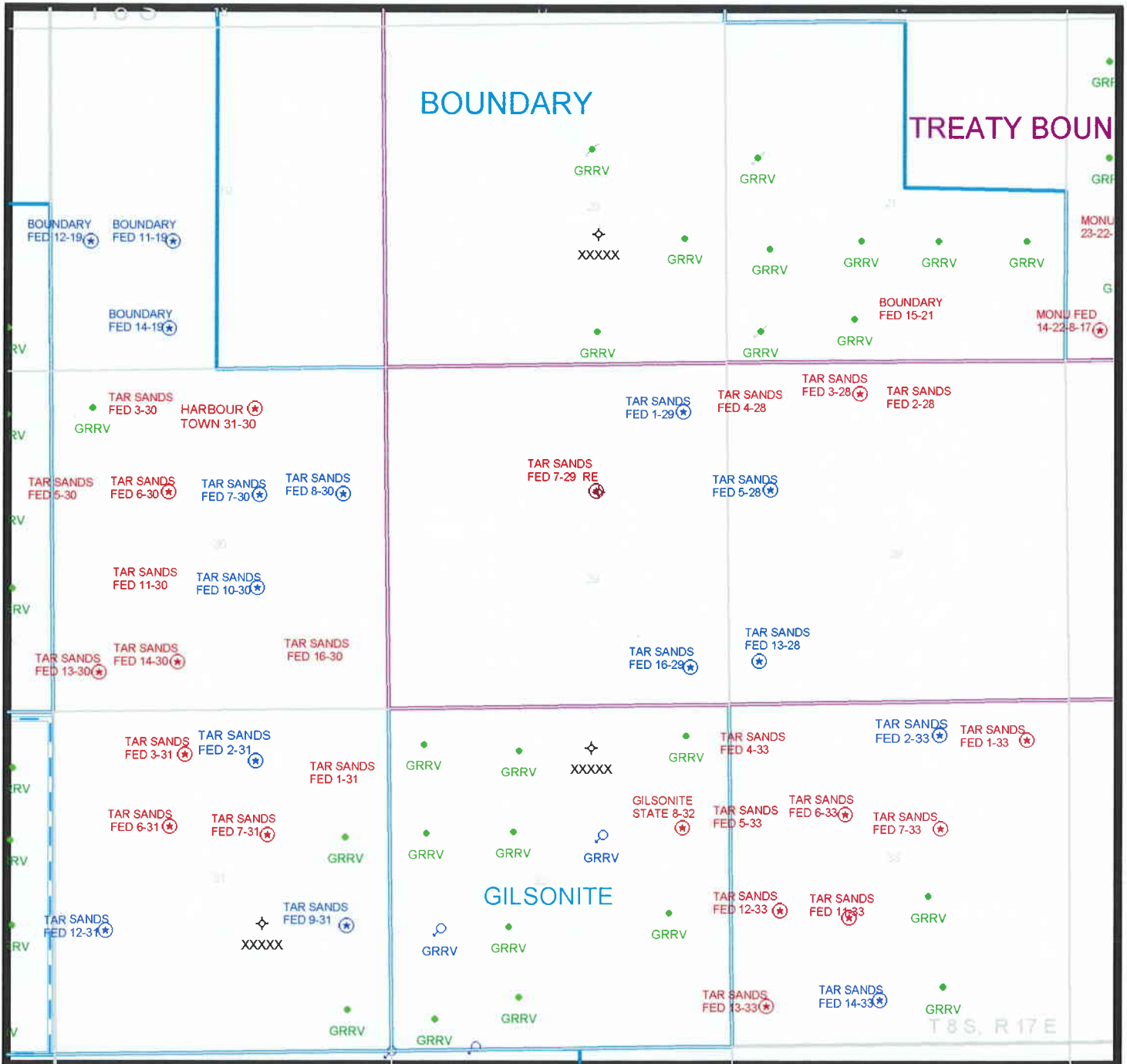
LOCATION AND SITING:

____ R649-2-3. Unit: _____
☒ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
____ Board Cause no: _____
____ Date: _____

COMMENTS: _____

STIPULATIONS: _____

OPERATOR: INLAND (N5160)
FIELD: MONUMENT BUTTE (105)
SECTION: 29,30, T8S, R17E
COUNTY: DUCHESNE
SPACING: UAC R649-3-2



PREPARED:
DATE: 14-APR-97



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 4, 1997

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

Re: Tar Sands Federal 16-29 Well, 575' FSL, 649' FEL, SE SE,
Sec. 29, T. 8 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31871.

Sincerely,

Lowell P. Braxton
Lowell P. Braxton
Deputy Director

lwp

Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number: Tar Sands Federal 16-29
API Number: 43-013-31871
Lease: U-74869
Location: SE SE Sec. 29 T. 8 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-74869	
1b. TYPE OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SINGLE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/> ZONE <input type="checkbox"/> ZONE <input type="checkbox"/>		6. IF INDIAN, ALOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Inland Production Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866		8. FARM OR LEASE NAME Tar Sands Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface SE/SE At proposed Prod. Zone 575' FSL & 649' FEL		9. WELL NO. #16-29	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 9.9 Miles southeast of Myton, Utah		10. FIELD AND POOL OR WILDCAT Monument Butte	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 575'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T8S, R17E	
16. NO. OF ACRES IN LEASE		12. County Duchesne	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE UT	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 1146'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5161.4' GR		22. APPROX. DATE WORK WILL START* 3rd Quarter 1997	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
12 1/4"	8 5/8"	24#	300'
7 7/8"	5 1/2"	15.5#	TD
			QUANTITY OF CEMENT
			120 sx
			400 sx followed by 330 sx
			See Detail Below

The actual cement volumes will be calculated off of the open hole logs, plus 15% excess.

SURFACE PIPE - Premium Plus Cement, w/ 2% CaCl₂, 1/4# Flocele/sk

Weight: 14.8 PPG YIELD: 1.37 Cu Ft/sk H₂O Req: 6.4 Gal/sk

LONG STRING - Lead: Hibond 65 Modified

Weight: 11.0 PPG YIELD: 3.00 Cu Ft/sk H₂O Req: 18.08 Gal/sk

Tail: Premium Plus Thixotropic

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 Gal/sk

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Brad Mechem TITLE District Manager DATE 3/28/97
Brad Mechem

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

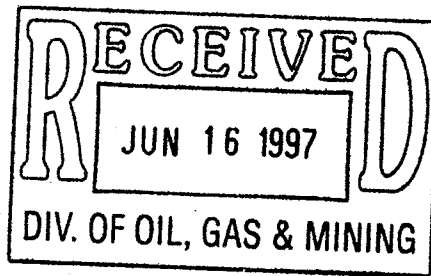
APPROVED BY Howard B. Cleavage TITLE Assistant Field Manager DATE JUN 6 1997
Mineral Resources

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DOG M



COA's Page 1 of 9
Well: Tar Sands Fed. 16-29

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Tar Sands Fed. 16-29

API Number: 43-013-31871

Lease Number: U-74869

Location: SESE Sec. 29 T. 8S R. 17E

NOTIFICATION REQUIREMENTS

- | | |
|-----------------------------------|---|
| Location Construction - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion - | prior to moving on the drilling rig. |
| Spud Notice - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report **ALL** water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected via the cementing program. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to **Top Of Cement** and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in

accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed.

All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert Petroleum Engineer	(801) 789-4170
-------------------------------------	----------------

Ed Forsman Petroleum Engineer	(801) 789-7077
----------------------------------	----------------

Jerry Kenczka Petroleum Engineer	(801) 789-1190
-------------------------------------	----------------

BLM FAX Machine	(801) 781-4410
-----------------	----------------

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM
Conditions of Approval (COAs)

-All vehicle travel will be confined to existing access road rights-of-way.

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

-The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. The portion on the road from the Sandwash road to the point where new construction begins will require the installation of many culverts. The dirt contractor will contact Byron Tolman with the BLM prior to starting construction to determine how many and what size of culverts will be installed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-Ferruginous Hawk

1. No new construction or surface disturbing activities will be conducted within a 0.5 mile radius of an inactive nest. This COA may be modified based on one or more of the following mitigative opportunities:

- a. The nest has showed no signs of breeding/nesting activity for a least two consecutive breeding seasons or,
- b. The biologist has determined that the nests in question are in such poor condition that monitoring the nests for two breeding seasons is not necessary.
- c. Artificial Nesting Platforms will be constructed and placed by the operator. Up to 3 platforms will be constructed for each natural nest involved in mitigation. The BLM AO will determine the placement of the platforms.

2. From May 30 through February 28, new construction or surface-disturbing activities will be conducted within a 0.5 mile of an inactive nest subject to the following restrictions:

a. Where possible, well pads proposed for construction within 0.25 miles of an inactive nest will be placed where permanent facilities will not be visible from the nest. Access roads to well pads will be designed to avoid line-of-sight visibility from inactive nests to the maximum extent practical.

b. Wells proposed within 0.5 miles of an inactive nest will be either converted to injection wells or equipped with muffled multi-cylinder engines or with equipment of comparable quietness.

3. Road access from the main road will be limited to a single-lane improved road for each well. During normal operations human access to injection wells will be limited to 4 trips per month by a single lease operator driving a full size pickup. Human access to producing wells will be limited to 1 trip per day by a single lease operator driving a full-size pickup.

4. Storage tanks and heater-treaters for new wells will be positioned at least 0.5 mile from the inactive nest in common tank/treater batteries or will use an existing facility. No crude oil haul/tanker trucks will enter the 0.5 mile radius from an inactive nest.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.

Well Name: TAR SANDS FEDERAL 16-29

Api No. 43-013-31871

Section: 29 Township: 8S Range: 17E County: DUCHESNE

Drilling Contractor: FOUR CORNERS

Rig # 6

SPUDDED:

Date: 8/7/97

Time: 5:00 PM

How: ROTARY

Drilling will commence: _____

Reported by: MIKE WARD

Telephone NO.: 1-801-722-5103

Date: 8/7/97 Signed: L. PLATT

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-18664. Location of Well (Footage, Sec., T., R., M., or Survey Description) **FEL****SE/SE 565' FSL & 666' FWL****Sec. 29, T8S, R17E**

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #16-29

9. API Well No.

43-013-31871

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

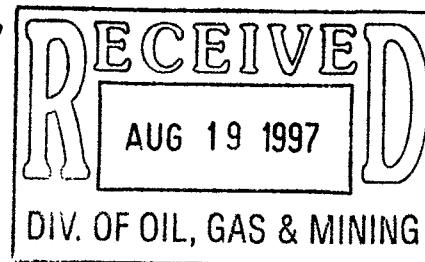
- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☐ Other _____
- ☒ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Inland Production requests that the attached Regulation Variance's be granted (Please refer to attachment "A") for the continued drilling operations for Ari Drilling with Union, Rig # 7, and Attachment "B", for a typical rig layout for Union Rig.

Inland Production Company requests that authorization be granted a location move from the original footage permitted at 575' FSL & 649' FEL to 565' FSL & 666' FEL, in order to accommodate the drilling rig, Union, Rig #7. Please refer to the revised location plat.



14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

8/11/97

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

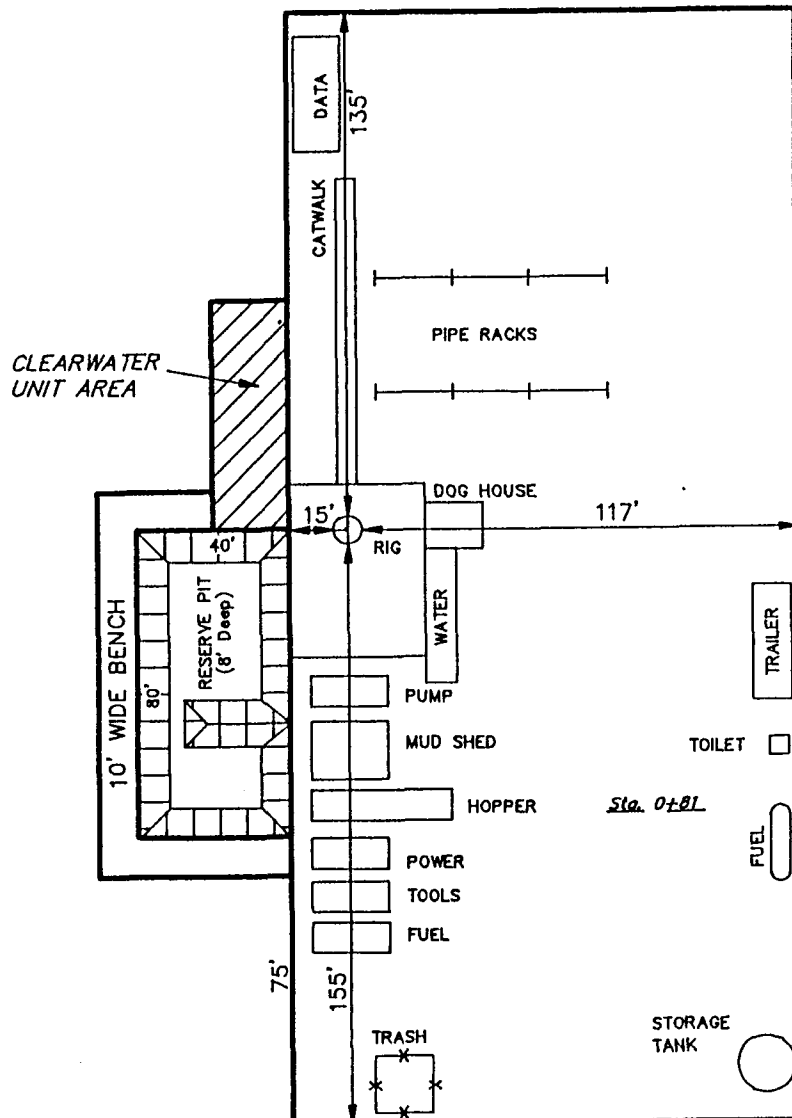
INLAND PRODUCTION CO.

TYPICAL RIG LAYOUT FOR

UNION RIG

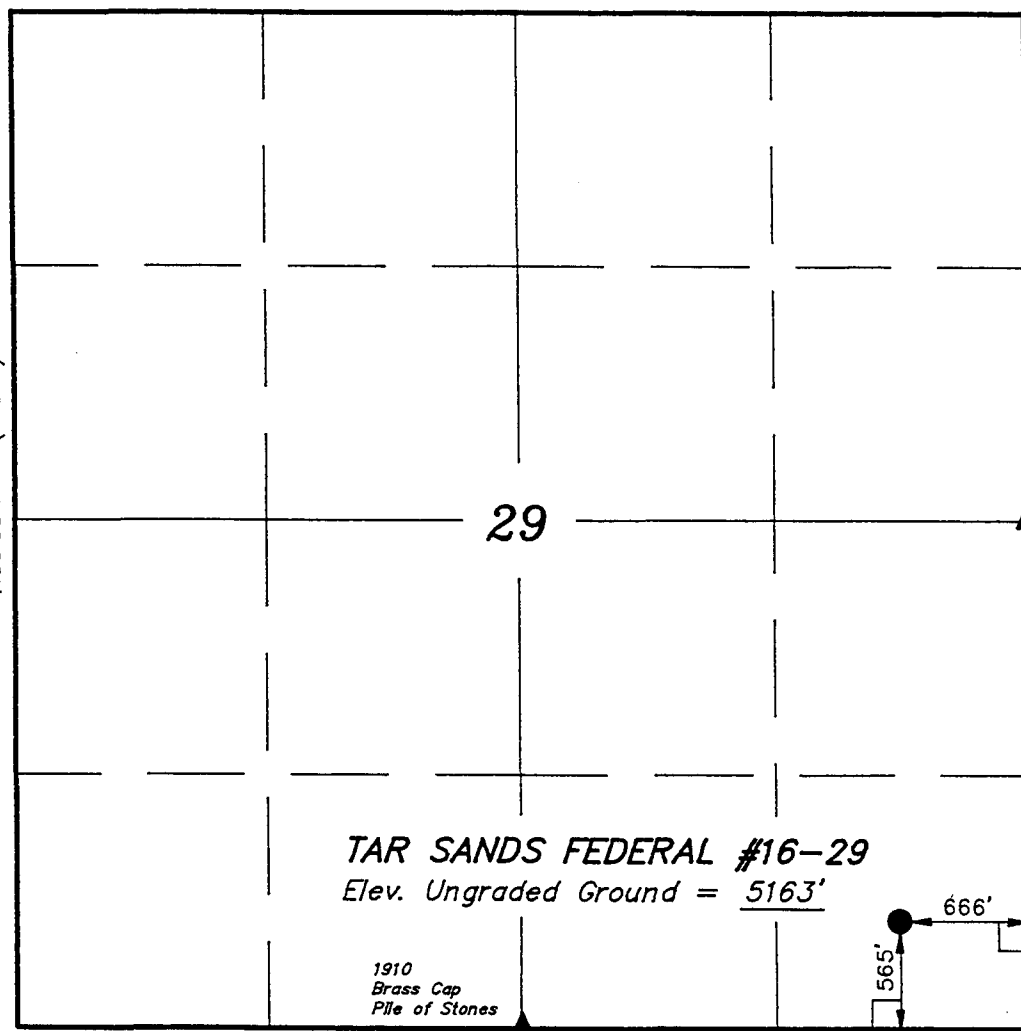
SCALE: 1" = 50'
 DATE: 08-06-97
 Drawn By: D.R.B.

NOTE:
 PIT CAPACITY
 WITH 2' OF
 FREEBOARD
 = 2,180 Bbls.



T8S, R17E, S.L.B.&M.

S89°56'W - 80.08 (G.L.O.)



TAR SANDS FEDERAL #16-29
Elev. Ungraded Ground = 5163'

1910
Brass Cap
Pile of Stones

N00°03'W - (G.L.O.)

1910
Brass Cap
Pile of Stones,
Steel Post

N00°03'W - G.L.O. (Basis of Bearings)
2646.55' (Measured)

1910
Brass Cap
Pile of Stones

S89°55'W - 40.03 (G.L.O.)

S89°47'50"W 2644.63' (Meas.)

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

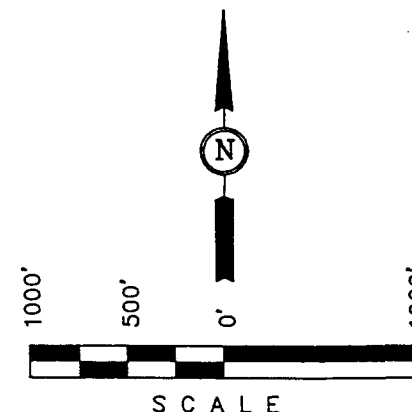
▲ = SECTION CORNERS LOCATED.

INLAND PRODUCTION CO.

Well location, TAR SANDS FEDERAL #16-29,
located as shown in the SE 1/4 SE 1/4
of Section 29, T8S, R17E, S.L.B.&M.
Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M86) LOCATED IN THE SW 1/4 OF SECTION
29, T8S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE
QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5229 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161318
STATE OF UTAH

Revised: 08-06-97 D.R.B.

UNTAE ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 11-20-96	DATE DRAWN: 12-09-96
PARTY J.F. M.C. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

Attachment "A"

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

RE: Regulation Variance for continued drilling operations for Air Drilling with Union, Rig #7.

Tar Sands Federal #16-29
SE/SE Sec. 29, T8S, R17E
Lease No. U-74869

- (1) Inland Production Company requests that the mud type and program variance be granted for the following:

MUD PROGRAM

MUD PROGRAM

Surface - 320'
320' - 4200'
4200' - TD

MUD TYPE

Air
Air/Mist & Foam
The well will be drilled with fresh water through the Green River Formation @ 4200' \pm , to TD, a fresh water/polymer system will be utilized. If necessary to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. Clay inhibition will be achieved with additions or by adding DAP (Di-Ammonium Phosphate, commonly known as fertilizer.) Typically, this fresh water/polymer system will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride or chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

- (2) Inland Production Company requests that a variance to regulations requiring a straight run blooie line. Inland proposes that the flowline will contain two (2) 90 degree turns.
- (3) Inland Production Company requests that a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. Inland requests authorization to ignite as needed, and the flowline at 80'.

Page 2

- (4) Inland Production Company requests that the spark arrest, exhaust, or water cooled exhaust be waived under the Special Drilling Operations of Onshore Order #2.

(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well



Oil Well



Gas well



Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE**Sec. 29, T8S, R17E**

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #16-29

9. API Well No.

43-013-31871

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing repair



Altering Casing

Other Surface Spud

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-off



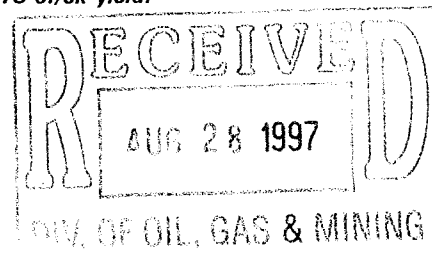
Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directly drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Dril 17 1/2" hole & seet 15' of 13 3/8" conductor. Drl & set rathole & mousehole.**Dril 12 1/4" surf hole from 21' - 332'. Set 8 5/8" 24# J-55 csg @ 332' KB. Pump****5 BDW & 20 BG. Cmt w/ 40 sx Prem + w/ 2% CC + 1/4#/sk flocele, 15.6 ppg, 1.18 cf/sk yield.****Good returns w/ est 6 BC returns.****Spud surface hole w/ Union, Rig #7 @ 4:30 pm, 8/7/97.**

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

8/11/97

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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to any matter within its jurisdiction.

***See Instruction on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SE/SE
Sec. 29, T8S, R17E

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #16-29

9. API Well No.

43-013-31871

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☐ Other Weekly Status
- ☒ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WEEKLY STATUS REPORT FOR WEEK OF 8/8/97 - 8/15/97:

Finished drlg 7 7/8" hole from 332'-6050' w/ Union, Rig #7. Run 5 1/2" 15.5# J-55 LT&C csg to 6026'. Pump 20 BDW & 20 BG. Cmt w/ 315 sx Hibond 65 mod, 11.0 ppg, 3.0 cf/sk yield & 320 sx thixo w/ 10% CalSeal, 14.2 ppg, 1.59 cf/sk yield. Good returns w/ est 15 BDW to surface. Rig released @ 7:45 pm 8/15/97. RDMOL.

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron
Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

8/26/97

(This space of Federal or State office use.)

Approved by

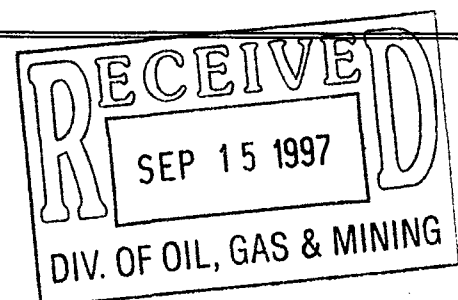
Title

Date

Conditions of approval, if any:

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*See Instruction on Reverse Side



**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budgeted Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

P.O. Box 790233 Vernal, UT 84079 Phone No. (801) 789-1866

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SE/SE
Sec. 29, T8S, R17E**

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

7. If unit or CA, Agreement Designation

8. Well Name and No.

Tar Sands Federal #16-29

9. API Well No.

43-013-31871

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne, UT

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
- ☒ Subsequent Report
- ☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
- ☐ Recompletion
- ☐ Plugging Back
- ☐ Casing repair
- ☐ Altering Casing
- ☐ Other Weekly Status
- ☒ Change of Plans
- ☐ New Construction
- ☐ Non-Routine Fracturing
- ☐ Water Shut-off
- ☐ Conversion to Injection
- ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WEEKLY STATUS REPORT FOR WEEK OF 8/8/97 - 8/15/97:**Perf CP, sd 5770'-5772', 5795'-5800', 5802'-5808'****Perf A sd 5300'-5313', 5327'-5332', 5337'-5339', 5353'-5357'****Perf C/B sd 5034'-5037', 5040'-5045', 5047'-5049', 5108'-5111'****RIH w/ Production String. On production @ 1:30 pm, 9/4/97.**

14. I hereby certify that the foregoing is true and correct

Signed

Cheryl Cameron

Title

Regulatory Compliance Specialist

Date

9/9/97

(This space of Federal or State office use.)

Approved by

Title

Date

Conditions of approval, if any:

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ Other _____

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 790233 Vernal, UT 84079 (801) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface SE/SE

565' FSL & 666' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-31871

DATE ISSUED

6/6/97

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

8/7/97

16. DATE T.D. REACHED

8/14/97

17. DATE COMPL. (Ready to prod.)

9/4/97

18. ELEVATIONS (DF. RKB, RT, GR, ETC.)*

5161.4' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

6050'

21. PLUG. BACK T.D., MD & TVD

5988'

22. IF MULTIPLE COMPL. HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Green River

Refer to Item #31 for perforations

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL, DLL, CNL

10-1-97

27. WAS WELL CORED

No

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	312' KB	12 1/4	40 sx Prem Plus	
5 1/2	15.5#	6026'	7 7/8	315 sx Hibond & 320 sx Thixo	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30.

TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

CP 5770'-72', 5795'-5800', 5802'-08'
A 5300'-13', 5327'-32', 5337'-39', 5353'-57'
C/B 5034'-37', 5040'-45', 5047'-49', 5108'-11'

32.

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

See back

AMOUNT AND KIND OF MATERIAL USED

OCT 01 1997

DIV. OF OIL, GAS & MINING

33.*

PRODUCTION

43.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/4/97		Pumping - 2½" X 1½" X 15' RHAC pump				producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7 Day Avg	7/97	N/A	→	124	120	6	.967
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs in Item #26

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Cheryl Cameron

TITLE

Regulatory Compliance Specialist

DATE

9/22/97

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	4195'		#32. CP sd 5770'-72', 5795'-5800', 5802'-08' Frac w/ 98,000# 20/40 sd in 519 BG Perf A sd 5300'-13', 5327'-32', 5337'-39', 5353'-5357' Frac w/ 120,900# 20/40 sd in 578 BG			
Point 3 Mkr	4468'					
X Mkr	4692'					
Y Mkr	4728'					
Douglas Ck Mkr	4857'					
BiCarbonate Mkr	5090'					

Inland Resources Inc.
Greater Boundary Unit
Well List

Status as of March 27, 1998

*To: Lisa
From: Debbie*

*Also these
are 43-013-*

#12391 "Greater Boundary (GPRV) Unit"

Lease Name	Status	Operator	Twp	Rge	Sec	Spot	Accounting No.	API Code
BOUNDARY FEDERAL 7-203075000511NJ	INJ	INLAND	08S	17E	20	7.0	UMBOI001	30750 8407
BOUNDARY FED 11-21	INJ	INLAND	08S	17E	21	11.0	UMBOI002	30752 10630
BOUNDARY FEDERAL 15-21	INJ	INLAND	08S	17E	21	15.0	UMBOI003	31622 11924
BOUNDARY FEDERAL #10-20	P&A	N/A	08S	17E	20	10	#N/A	
TAR SANDS FEDERAL 12-28	P&A	INLAND	08S	17E	28	12.0	#N/A	
TAR SANDS FEDERAL #32-29	P&A	N/A	08S	17E	29	7	#N/A	
BOUNDARY FEDERAL 6-20	PDP	INLAND	08S	17E	20	6.0	UMBOP001	31626 11991
BOUNDARY FEDERAL 8-20	DRL PDP	INLAND	08S	17E	20	8.0	#N/A	31993 12329
BOUNDARY FEDERAL 9-20	PDP	INLAND	08S	17E	20	9.0	UMBOP002	30690 8408
BOUNDARY FEDERAL 15-20	PDP	INLAND	08S	17E	20	15.0	UMBOP003	30667 8409
BOUNDARY 6-21	PDP	INLAND	08S	17E	21	6.0	UMBOP005	31889 1226
BOUNDARY 7-21	PDP	INLAND	08S	17E	21	7.0	UMZZP053	31640 1207
BOUNDARY 8-21	PDP	INLAND	08S	17E	21	8.0	UMZZP052	31557 1185
BOUNDARY FEDERAL 9-21	PDP	INLAND	08S	17E	21	9.0	UMBOP006	31542 11806
BOUNDARY FEDERAL 10-21	PDP	INLAND	08S	17E	21	10.0	UMBOP007	31532 11803
BOUNDARY FEDERAL 12-21	PDP	INLAND	08S	17E	21	12.0	UMBOP008	31440 11709
BOUNDARY FEDERAL 13-21	PDP	INLAND	08S	17E	21	13.0	UMBOW001	30665 2660
BOUNDARY FEDERAL 14-21	PDP	INLAND	08S	17E	21	14.0	UMBOP009	31441 11768
BOUNDARY FEDERAL 16-21	PDP	INLAND	08S	17E	21	16.0	UMBOP010	31627 11934
TAR SANDS FEDERAL 2-28	PDP	INLAND	08S	17E	28	2.0	UMZZP079	11937 31642
TAR SANDS FEDERAL 3-28	PDP	INLAND	08S	17E	28	3.0	UMZZP078	11923 31623
TAR SANDS FEDERAL 4-28	PDP	INLAND	08S	17E	28	4.0	UMZZP080	11938 31641
TAR SANDS FEDERAL 5-28 (I)	PDP	INLAND	08S	17E	28	5.0	UMZZP114	12171 31697
TAR SANDS FED 6-28	PDP	INLAND	08S	17E	28	6.0	UMZZP116	12241 31921
TAR SANDS FED 13-28	PDP	INLAND	08S	17E	28	13.0	UMZZP105	12176 31771
TAR SANDS FEDERAL 1-29	PDP	INLAND	08S	17E	29	1.0	UMZZP115	12168 31743
TAR SANDS FED 8-29	PDP	INLAND	08S	17E	29	8.0	UMZZP117	12242 31922
TAR SANDS FEDERAL 9-29	PDP	INLAND	08S	17E	29	9.0	#N/A	12281 31942
TAR SANDS FEDERAL 12-29	PDP	INLAND	08S	17E	29	12.0	UMZZP113	12261 31924
TAR SANDS FEDERAL 16-29	PDP	INLAND	08S	17E	29	16.0	UMZZP106	12212 31871
TAR SANDS FEDERAL 1-33	PDP	INLAND	08S	17E	33	1.0	UMZZP108	12265 31863
TAR SANDS FEDERAL 2-33	PDP	INLAND	08S	17E	33	2.0	UMZZP107	12271 31867
BOUNDARY FED 5-21	SI	INLAND	08S	17E	21	5.0	UMBOP004	30822 11162
FEDERAL 1-26	SI	INLAND	08S	17E	26	3.0	431162	4304731953 11227

Thanks for your help.

OPERATOR INLAND PRODUCTION COMPANY

OPERATOR ACCT. NO. H5160

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D		12391		**SEE ATTACHED**							5-1-98
WELL 1 COMMENTS: GREATER BOUNDARY (GRRV) UNIT EFF 5-1-98											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ENG. TECH

6-26-98

Title

Date

Phone No. ()

(June 1990)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

U-74869

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

GREATER BOUNDARY

8. Well Name and No.

TAR SANDS FEDERAL 16-29

9. API Well No.

43-013-31871

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil
WellGas
Well

Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

0565 FSL 0666 FEL**SE/SE Section 29, T08S R17E**12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA****TYPE OF SUBMISSION**

Notice of Intent



Subsequent Report



Final Abandonment Notice



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Site Security

Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection

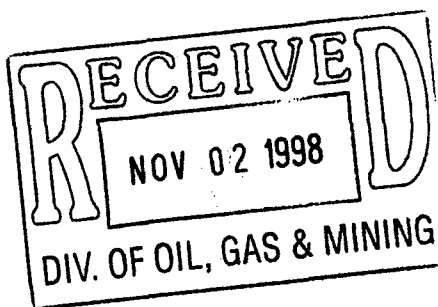


Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/30/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Inland Production Company Site Facility Diagram

Tar Sands 16-29
SE/SE Sec. 29, T8S, 17E
Duchesne County
May 12, 1998

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

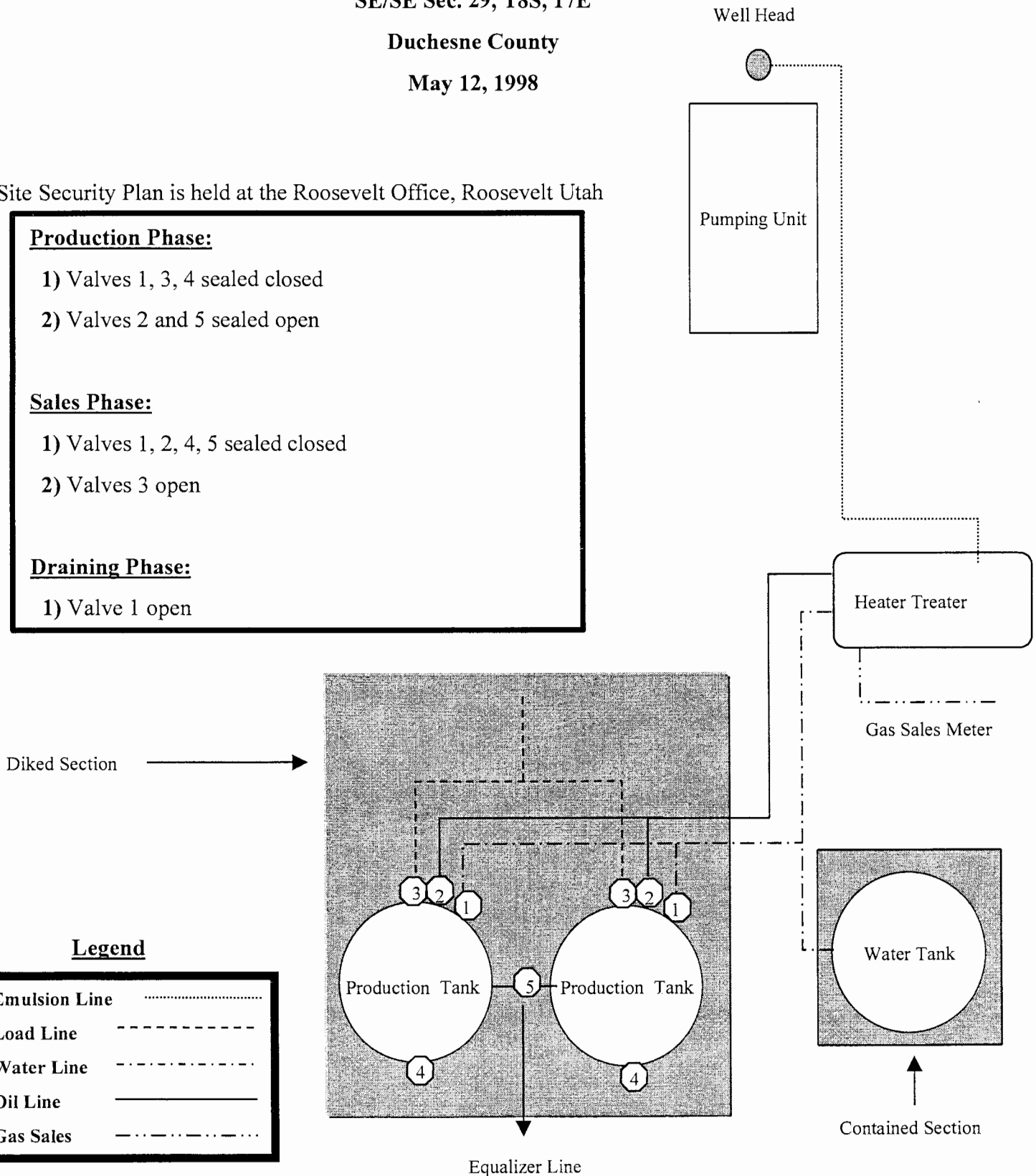
- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004

FROM: (Old Operator):
 N5160-Inland Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

TO: (New Operator):
 N2695-Newfield Production Company
 Route 3 Box 3630
 Myton, UT 84052
 Phone: 1-(435) 646-3721

CA No.

Unit:

GREATER BOUNDARY (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
BOUNDARY FED 8-20-8-17	20	080S	170E	4301331993	12391	Federal	OW	S
BOUNDARY 6-21	21	080S	170E	4301331889	12391	Federal	OW	P
TAR SANDS FED 13-28	28	080S	170E	4301331771	12391	Federal	WI	A
TAR SANDS FED 6-28	28	080S	170E	4301331921	12391	Federal	OW	P
TAR SANDS FED 14-28-8-17	28	080S	170E	4301332065	12391	Federal	OW	P
TAR SANDS FED 10-28-8-17	28	080S	170E	4301332066	12391	Federal	OW	P
TAR SANDS FED 1-29	29	080S	170E	4301331743	12391	Federal	WI	A
TAR SANDS FED 16-29	29	080S	170E	4301331871	12391	Federal	OW	P
TAR SANDS FED 8-29	29	080S	170E	4301331922	12391	Federal	OW	P
TAR SANDS FED 12-29	29	080S	170E	4301331924	12391	Federal	OW	P
SAND WASH 9-29-8-17	29	080S	170E	4301331942	12391	Federal	WI	A
TAR SANDS FED 15-29-8-17	29	080S	170E	4301332058	12391	Federal	WI	A
TAR SANDS FED 14-29-8-17	29	080S	170E	4301332059	12391	Federal	OW	P
TAR SANDS FED 6-29-8-17	29	080S	170E	4301332060	12391	Federal	OW	P
TAR SANDS FED 5-29-8-17	29	080S	170E	4301332061	12391	Federal	OW	P
TAR SANDS FED 4-29-8-17	29	080S	170E	4301332062	12391	Federal	OW	P
TAR SANDS FED 3-29-8-17	29	080S	170E	4301332063	12391	Federal	WI	A
TAR SANDS FED 2-29-8-17	29	080S	170E	4301332064	12391	Federal	OW	S
TAR SANDS FED 1-33	33	080S	170E	4301331863	12391	Federal	WI	A
TAR SANDS FED 2-33	33	080S	170E	4301331867	12391	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: TAR SANDS FED 16-29
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0565 FSL 0666 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013318710000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/21/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 05/21/2014. Initial MIT on the above listed well. On 05/21/2014 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-10403		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 5/29/2014		<div style="text-align: right;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 02, 2014 </div>

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____

Date: 5/21/2014Test conducted by: RILEY BAGLEYOthers present: Rusty Bird Dave Cloward

Well Name: <u>TAR Sands 16-29-8-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>MONUMENT BUTTE</u>		
Location: <u>SE/SE</u> Sec: <u>29</u> T <u>8</u> N <u>(S) R 17 (E) W</u> County: <u>Duchesne</u> State: <u>UTAH</u>		
Operator: <u>DUSTIN BENNETT</u>		
Last MIT: <u>1</u>	Maximum Allowable Pressure:	<u>PSIG</u>

Is this a regularly scheduled test?

☐ Yes☒ No

Initial test for permit?

☒ Yes☐ No

Test after well rework?

☐ Yes☒ No

Well injecting during test?

☐ Yes☒ No

If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1363/0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1363</u> psig	psig	psig
5 minutes	<u>1363</u> psig	psig	psig
10 minutes	<u>1363</u> psig	psig	psig
15 minutes	<u>1362</u> psig	psig	psig
20 minutes	<u>1361</u> psig	psig	psig
25 minutes	<u>1360</u> psig	psig	psig
30 minutes	<u>1360</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

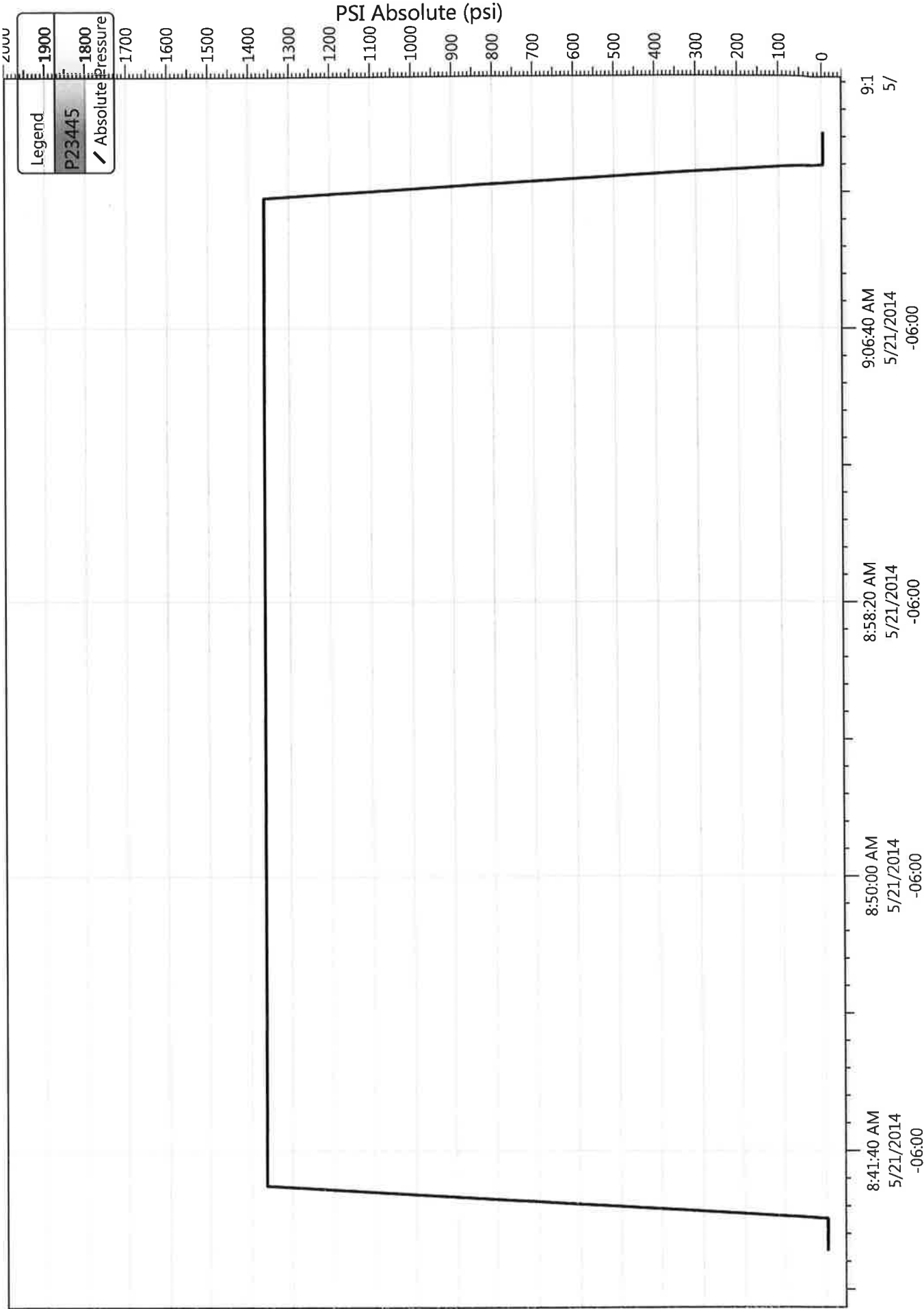
MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

Tar sands federal 16-29-8-17 (conversion MIT 5-21-14)

5/21/2014 8:37:40 AM



NEWFIELD



Job Detail Summary Report

Well Name: Tar Sands 16-29-8-17

Jobs		Job Start Date	Job End Date
Primary Job Type		5/16/2014	5/21/2014
Conversion			

Daily Operations		24hr Activity Summary	
Report Start Date	Report End Date	MIRU	
5/16/2014	5/16/2014		
Start Time	End Time	Comment	
	11:00	MOVE RIG FROM FED 14-13-9-16 TO LOCATION (TAR SANDS FEDERAL 16-29-8-17)	
Start Time	End Time	Comment	
	12:30	SAFETY MEETING (RIG UP WATCH LINES) SPOT IN EQUIPMENT, LEVEL UP RIG, R/U, REMOVE HORSES HEAD, FLUSH CSG W/ 40 BBLs @ 250 DEGREES, LAY DOWN 1 1/2" X 22' POLISH ROD, MAKE UP 3/4" 4 PER ROD PUMP STUCK WORK TO UNSEAT PUMP, PUMP UNSEATED. LAY DOWN 1 - 3/4" 4 PER ROD LAY DOWN 3/4" X 2', 4', 8' PONY SUBS, LAY DOWN 2 - 3/4" 4 PER RODS, HOOK UP FLUSH CAP	
Start Time	End Time	Comment	
	14:00	PM FLUSH 2 7/8" J-55 TUBING W/ 30 BBLs @ 250 DEGREES	
Start Time	End Time	Comment	
	14:30	PICK UP 2 - 3/4" 4 PER ROD, 3/4" PONY SUBS 8', 4', 2' & 1 - 3/4" 4 PER OFF RIG SOFT SEAT PUMP, REMOVE B1- FLOW TEE, FILL TUBING W/ 10 BBLs @ 90 DEGREES AND PRESSURE TUBING TO 2300 PSI AND BLEW HOLE IN TUBING	
Start Time	End Time	Comment	
	17:00	PM INSTALL B1- FLOW TEE, LAY DOWN 1 - 3/4" 4 PER ROD FOR RIG, LAY DOWN 3/4" PONY SUBS 2', 4', 8', SPOT IN TRAILER TO LAY DOWN RODS LAY DOWN RODS ONTO TRAILER 87 - 3/4" 4 PERS GOOD, 5 - 3/4" 4 PERS BAD, 60 - 3/4" SLICKS FLUSH TBG W/ 15 BBLs @ 250 DEGREES	
Start Time	End Time	Comment	
	18:00	LAY DOWN RODS ONTO TRAILER 27 - 3/4" SLICKS GOOD, 2 - 3/4" SLICKS BAD, 46 - 3/4" 4 PERS GOOD, 4 - 1 1/2" SINKER BADS BAD, 4 STABILIZERS BAD, LAY DOWN PUMP CENTRAL HYDRILAC 2 1/2" X 1 1/2" X 12' X 16' RHAC (TOTAL BAD 8 - 3/4" 4 PERS, & 2 - 3/4" SLICKS, 4 - 1 1/2" SINKERS BARS, & 4 - 1" STABILIZERS	
Start Time	End Time	Comment	
	19:00	RIG UP SANDLINE TO DO TAG, TAGGED @ 5988' NO FILL COME OUT OF HOLE & RIG DOWN SANDLINE. SIW SDFN	
Start Time	End Time	Comment	
	20:00	CREW TRAVEL HOME FROM LOCATION	
Report Start Date		24hr Activity Summary	
5/19/2014		N/D WELLHEAD, N/U BOP'S, TOOH LOOKING FOR HOLE, M/U PKR & TIH PRESSURE TEST TBG, FISH STANDING VALVE	
Start Time	End Time	Comment	
	06:00	CREW TRAVEL TO LOCATION FROM HOME	
Start Time	End Time	Comment	
	07:30	SAFETY MEETING (PINCH POINTS), FLUSH 2 7/8" J-55 TUBING W/ 30 BBLs @ 250 DEGREES CHANGE OVER BLOCKS	
Start Time	End Time	Comment	
	09:00	NIPPLE DOWN WELL HEAD, UNSET ANCHOR, NIPPLE UP BOP'S, RIG UP FLOOR, RIG UP TUBING EQUIPMENT 2 TONGS	
Start Time	End Time	Comment	
	14:30	PM PULL OUT OF HOLE TO DERRICK W/ 160 JOINTS 2 7/8" J-55 TUBING TALLEYING BREAK, REDOPE, AND MAKE UP COLLARS FLUSH OUTSIDE OF TUBING W/ 10 BBLs @ 250 DEGREES	
Start Time	End Time	Comment	
	15:00	LAY DOWN 30 JOINTS ONTO TRAILER.HOLE IN JOINT #184 LAY DOWN # 183, # 184, # 185 BAD	
Start Time	End Time	Comment	
	15:30	MAKE UP 2 3/8" XN NIPPLE, 2 3/8" PUP SUBS, CROSS OVER, 5 1/2" PACKER, ON/OFF TOOL, & 2 7/8" SEAT NIPPLE	



Job Detail Summary Report

Well Name: Tar Sands 16-29-8-17

Start Time	15:30	End Time	16:30
Comment RUN IN HOLE FROM DERRICK W/ 60 JOINTS 2 7/8" J-55 TUBING, FLUSH TUBING W/ 20 BBLS @ 250 DEGREES, DROP STANDING VALVE & FILL TUBING W/ 18 BBLS & PRESSURE TEST TUBING TO 3500 PSI - GOOD TEST			
Start Time	16:30	End Time	17:30
Comment RUN IN HOLE F/ DERRICK W/ 60 JOINTS 2 7/8" J-55 TUBING, & FILL W/ 10 BBLS & PRESSURE TEST TO 3300 PSI - GOOD TEST			
Start Time	17:30	End Time	18:00
Comment RUN IN HOLE W/ 40 JOINTS 2 7/8" J-55 TUBING, FILL W/ 10 BBLS & PRESSURE TEST TO 3000 PSI			
Start Time	18:00	End Time	19:00
Comment PM HOLD PRESSURE TO 3000 PSI, LOST 500 PSI PUMPED BACK UP, LOST 300 PSI PUMPED BACK UP TO 3000 PSI. 2 BBLS USED TO PUMP PRESSURE UP SIW SDFN			
Start Time	19:00	End Time	20:00
Comment CREW TRAVEL HOME FROM LOCATION			
Report Start Date	5/20/2014	Report End Date	5/20/2014
24hr Activity Summary PRESSURE TEST TUBING, FISH STANDING VALVE, N/D BOP'S, NU WELLHEAD, PRESSURE TEST CASING			
Start Time	06:00	End Time	07:00
Comment CREW TRAVEL TO LOCATION FROM HOME			
Start Time	07:00	End Time	08:00
Comment SAFETY MEETING (BECAREFUL AROUND HIGH PRESSURE LINES), SITP-0 PSI, SICP - 50 PSI, FILL 2 7/8" J-55 TUBING W/ 5 BBLS & PRESSURE UP TO 3000 PSI HELD FOR 10 MINS LOST ALL PRESSURE. PUMPED 10 BBLS @ 80 DEGREES NO PRESSURE TUBING SUCKING			
Start Time	08:00	End Time	10:00
Comment PULL TO DERRICK W/ 148 JOINT 2 7/8" J-55 TUBING. HOLE # 148 LAY DOWN 2 JOINT # 147, & 148, CHECK 1 ABOVE & 1 BELOW BOTH WERE GOOD NO ROD CUT. PUMPED 15 BBLS DOWN CGS TO CLEAN UP TBG			
Start Time	10:00	End Time	11:30
Comment RUN IN HOLE W/ 146 JOINTS 2 7/8" J-55 TUBING. PICK UP 2 JOINTS TUBING			
Start Time	11:30	End Time	13:00
Comment FILL TUBING W/ 25 BBLS & PRESSURE TUBING T/ 3000 PSI, 20 MIN LOST 400 PSI PRESSURE UP, 20 MIN LOST 200 PSI PRESSURE UP, 20 MIN LOST 50 PSI PRESSURED UP TO 3000 PSI, HELD 3000 PSI FOR 30 MINUTES.			
Start Time	13:00	End Time	13:30
Comment RIG UP SANDLINE TO FISH STANDING VALVE @ 4945'. RUN IN HOLE W/ SANDLINE BROKE CLAMPS FOR HYDRILIAC HOSE FROM HYDRILIAC TANK.			
Start Time	13:30	End Time	14:00
Comment TRYING TO FIX HYDRILIAC HOSE, KEPT BROKING OFF, CLEAN UP LOCATION.			
Start Time	14:00	End Time	15:30
Comment NO CHARGE WENT TO TOWN TO GET T-BOLT CLAMP, GOT HOLE IN TIRE WENT TO BIG-O TO GET NEW TIRE. LOOKING FOR CLAMP. FOUND CLAMP @ BASIN DIESEL COME BACK TO RIG, PUT ON CLAMP & STARTED RIG.			
Start Time	15:30	End Time	16:00
Comment FINISH RUNNING IN HOLE & LATCH ONTO STANDING VALVE @ 4945', COME OUT OF HOLE WITH FISH. RIG DOWN SANDLINE			
Start Time	16:00	End Time	17:00
Comment RIG DOWN TUBING EQUIPMENT, RIG DOWN FLOOR, NIPPLE DOWN BOP'S, SET PACKER @ 4954.4' WITH 16,000# TENTON, NIPPLE UP WELL HEAD.			
Start Time	17:00	End Time	17:30
Comment PUMP 3 BUCKETS PACKER FLUID, FILL CASING W/ 45 BBLS & PRESSURE UP TO 1400 PSI.			



Job Detail Summary Report

Well Name: Tar Sands 16-29-8-17

Start Time	17:30	End Time	19:00
		Comment	
		20 MIN LOST 250 PSI PRESSURED BACK UP. 20 MIN LOST 200 PSI BUMPED UP, 40 MIN LOST 100 PSI. BUMPED UP TO 1400 PSI. I LEFT LOCATION @ 7:30 PM & LOST 50 PSI SIW SDFN	
Start Time	19:00	End Time	20:00
		Comment	
		CREW TRAVEL HOME FROM LOCATION	
Report Start Date	5/21/2014	Report End Date	5/21/2014
24hr Activity Summary			
CHECK CGS PRESSURE, DO MIT TEST, R/D, M/R, R/U, PRESSURE TEST TBG, L/D RODS			
Start Time	06:00	End Time	07:00
		Comment	
		CREW TRAVEL TO LOCATION	
Start Time	07:00	End Time	08:30
		Comment	
		AM SAFETY MEETING (SLIPPERY SURFACES BECAREFUL). SITP - 0 PSI, SICP - 1150 PSI PRESSURED CASING BACK UP TO 1400 PSI. PUT STUFF AWAY IN TOOL TRAILER. CLEAN LOCATION. WAIT ON PUMPER TO SHOW UP FOR MIT TEST. 45 MIN LOST 100 PSI PUMPED BACK UP TO 1400 PSI. TOTAL 1 BBL WATER TO PUMP UP CASING	
Start Time	08:30	End Time	09:30
		Comment	
		PUMPER SHOWED UP AND HOOK UP TO CASING TO DO MIT TEST. DID MIT TEST STARTED 1363 PSI & ENDED AT 1360 PSI GOOD TEST. RIG DOWN PUMPER. CHANGE OVER BLOCKS	
Start Time	09:30	End Time	10:00
		Comment	
		Initial MIT on the above listed well. On 05/21/2014 the casing was pressured up to 1360 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.	
		EPA# UT22197-10403	
Start Time	10:00	End Time	11:00
		Comment	
		RIG DOWN & PREP TO MOVE RIG & EQUIPMENT TO FEDERAL 2-34-8-18	

NEWFIELD



Schematic

Well Name: Tar Sands 16-29-8-17

Surface Legal Location 29-8S-17E			API/UWI 43013318710000	Well RC 500151513	Lease	State/Province Utah	Field Name GMBU CTB7	County DUCHESNE
Spud Date 8/7/1997	Rig Release Date	On Production Date 9/4/1997	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,988.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 5/16/2014	Job End Date 5/21/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 6,050.0

Vertical - Original Hole, 5/22/2014 9:10:35 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (° ...)	
0.0				<p>1; Surface; 8 5/8 in; 8.097 in; 13-312 ftKB; 299.00 ft</p> <p>6-1; Tubing; 2 7/8; 2.441; 0-4,945; 4,944.53</p> <p>6-2; Pump Seating Nipple; 2 7/8; 4,945-4,946; 1.16</p> <p>6-3; On-Off Tool; 2 7/8; 4,946-4,947; 1.80</p> <p>6-4; Packer; 5 1/2; 4,947-4,954; 6.91</p> <p>6-5; Cross Over; 2 3/8; 4,954-4,955; 0.50</p> <p>6-6; Tubing Pup Joint; 2 3/8; 4,955-4,959; 4.16</p> <p>6-7; XN Nipple; 2 3/8; 4,959-4,960; 1.22</p> <p>6-8; Notched collar; 2 3/8; 4,960-4,961; 0.51</p> <p>Perforated; 5,034-5,037; 8/29/1997</p> <p>Perforated; 5,040-5,045; 8/29/1997</p> <p>Perforated; 5,047-5,049; 8/29/1997</p> <p>Perforated; 5,108-5,111; 8/29/1997</p> <p>Perforated; 5,300-5,313; 8/27/1997</p> <p>Perforated; 5,327-5,332; 8/27/1997</p> <p>Perforated; 5,337-5,339; 8/27/1997</p> <p>Perforated; 5,357; 8/27/1997</p> <p>Perforated; 5,770-5,772; 8/24/1997</p> <p>Perforated; 5,795-5,800; 8/24/1997</p> <p>Perforated; 5,802-5,808; 8/24/1997</p> <p>2; Production; 5 1/2 in; 4.950 in; 13-6,026 ftKB; 6,013.00 ft</p>
13.1				
311.4				
312.0				
3,000.0				
4,944.6				
4,945.5				
4,947.5				
4,954.4				
4,955.1				
4,959.0				
4,960.3				
4,960.6				
5,034.1				
5,037.1				
5,040.0				
5,044.9				
5,046.9				
5,048.9				
5,107.9				
5,110.9				
5,299.9				
5,313.0				
5,327.1				
5,332.0				
5,336.9				
5,338.9				
5,357.0				
5,770.0				
5,772.0				
5,794.9				
5,799.9				
5,801.8				
5,808.1				
5,987.9				
6,025.6				
6,025.9				
6,049.9				

NEWFIELD
Newfield Wellbore Diagram Data
Tar Sands 16-29-8-17

Surface Legal Location 29-8S-17E				API/UWI 43013318710000		Lease	
County DUCHESTER		State/Province Utah		Basin		Field Name GMBU CTB7	
Well Start Date 8/7/1997		Spud Date 8/7/1997		Final Rig Release Date		On Production Date 9/4/1997	
Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth (ftKB) 6,050.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,988.0	

Casing Strings						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/8/1997	8 5/8	8.097	24.00	J-55	312
Production	8/16/1997	5 1/2	4.950	15.50	J-55	6,026

Cement				
String: Surface, 312ftKB 8/9/1997				
Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 312.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 40	Class Prem Plus	Estimated Top (ftKB) 13.0
String: Production, 6,026ftKB 8/16/1997				
Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 3,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 315	Class Hibond	Estimated Top (ftKB) 13.0
String: Production, 6,026ftKB 8/16/1997				
Cementing Company	Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 6,050.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Tail	Amount (sacks) 320	Class Thixo	Estimated Top (ftKB) 3,000.0

Tubing Strings								
Tubing Description Tubing				Run Date 5/21/2014		Set Depth (ftKB) 4,960.8		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	180	2 7/8	2.441	6.50	J-55	4,944.53	0.0	4,944.5
Pump Seating Nipple	1	2 7/8				1.16	4,944.5	4,945.7
On-Off Tool	1	2 7/8				1.80	4,945.7	4,947.5
Packer	1	5 1/2				6.91	4,947.5	4,954.4
Cross Over	1	2 3/8				0.50	4,954.4	4,954.9
Tubing Pup Joint	1	2 3/8				4.16	4,954.9	4,959.1
XN Nipple	1	2 3/8				1.22	4,959.1	4,960.3
Notched collar	1	2 3/8				0.51	4,960.3	4,960.8

Rod Strings							
Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (°)	Nom Hole Dia (in)	Date
3	C/B Sands, Original Hole	5,034	5,037	4			8/29/1997
3	C/B Sands, Original Hole	5,040	5,045	4			8/29/1997
3	C/B Sands, Original Hole	5,047	5,049	4			8/29/1997
3	C/B Sands, Original Hole	5,108	5,111	4			8/29/1997
2	A sands, Original Hole	5,300	5,313	4			8/27/1997
2	A sands, Original Hole	5,327	5,332	4			8/27/1997
2	A sands, Original Hole	5,337	5,339	4			8/27/1997
2	A sands, Original Hole	5,357	5,357	4			8/27/1997
1	CP sands, Original Hole	5,770	5,772	4			8/24/1997
1	CP sands, Original Hole	5,795	5,800	4			8/24/1997
1	CP sands, Original Hole	5,802	5,808	4			8/24/1997

Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,884	0.754					
2	2,901	0.978					
3	2,277	0.885					

NEWFIELD**Newfield Wellbore Diagram Data
Tar Sands 16-29-8-17**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		
2		
3		

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: TAR SANDS FED 16-29
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0565 FSL 0666 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 08.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013318710000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/23/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="text-align: center; margin-top: 10px;"> The above reference well was put on injection at 1:26 PM on 06/23/2014. EPA # UT22197-10403 </div> <div style="text-align: right; margin-top: 20px;"> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 17, 2014 </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 6/25/2014	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74869
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: TAR SANDS FED 16-29
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013318710000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0565 FSL 0666 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESE Section: 29 Township: 08.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text" value="MIT"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/28/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well had workover procedures performed (packer repair), attached is a daily status report. Workover MIT performed on the above listed well. On 07/28/2014 the csg was pressured up to 1539 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbp pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10403

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 August 04, 2014

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 8/1/2014

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 7 / 28 / 2014
Test conducted by: Troy Lazenby
Others present: _____

Well Name: <u>Tar Sands Federal 16-29-8-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SE/SE</u> Sec: <u>29</u> T <u>8</u> N <u>10</u> R <u>17</u> E/W	County: <u>Dakota</u>	State: <u>UT</u>
Operator: <u>Ken Yager</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No
Initial test for permit? ☐ Yes ☒ No
Test after well rework? ☒ Yes ☐ No
Well injecting during test? ☐ Yes ☒ No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 1538/0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1538</u> psig	psig	psig
5 minutes	<u>1538</u> psig	psig	psig
10 minutes	<u>1539</u> psig	psig	psig
15 minutes	<u>1538</u> psig	psig	psig
20 minutes	<u>1539</u> psig	psig	psig
25 minutes	<u>1539</u> psig	psig	psig
30 minutes	<u>1539</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

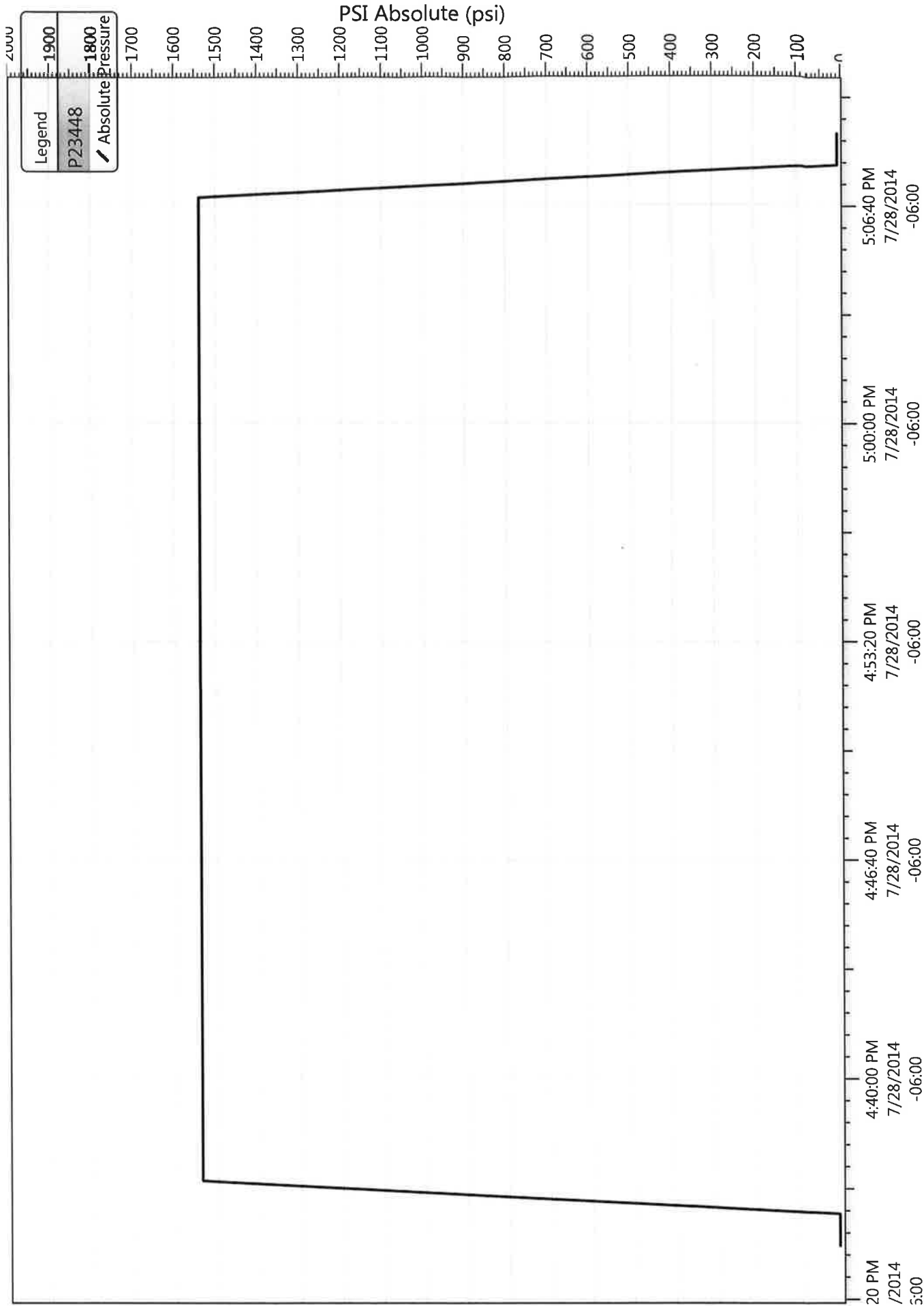
Does the annulus pressure build back up after the test? ☐ Yes ☐ No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____

16-29-8-17 7/28/2014
7/28/2014 4:34:16 PM





Well Name: Tar Sands 16-29-8-17

Job Detail Summary Report

Jobs				Primary Job Type	
Repairs				Repairs	
Job Start Date				Job End Date	
7/23/2014				7/28/2014	
Daily Operations					
Report Start Date		Report End Date		24hr Activity Summary	
7/23/2014		7/23/2014		MIRU	
Start Time		13:00	13:30	End Time	Comment
					Safety Meeting
Start Time		13:30	14:00	End Time	Comment
					MIRUSU
Start Time		14:00	14:30	End Time	Comment
					C/Trvl
Report Start Date		Report End Date		24hr Activity Summary	
7/24/2014		7/24/2014		POOH W/160 Jts	
Start Time		05:30	06:00	End Time	Comment
					C/Travl
Start Time		06:00	07:00	End Time	Comment
					Safe Meeting
Start Time		07:00	07:15	End Time	Comment
					7:00AM SITP125 Psi, SICP125 Psi, OWU
Start Time		07:15	08:00	End Time	Comment
					, N/D Well Head, N/U Bop, R/D Rig Flr
Start Time		08:00	08:30	End Time	Comment
					, R/U BMW H/Oiler To Cgs Fill Cgs W/2 Bbls Wtr, Released Arrow Set Pkr
Start Time		08:30	09:00	End Time	Comment
					, Pkr is Dragging Up Hole & Down Hole, R/U H/Oiler
Start Time		09:00	09:45	End Time	Comment
					To Tbg Flush Tbg W/50 Bbls Wtr W/ Scavenger, Start POOH
Start Time		09:45	12:15	End Time	Comment
					, POOH W/160 Jts, SN, ON/OFF Tool, Pkr, X/Over, 2 3/8" Sub, XN Nipple, Wire Line Re-Entry Guide, NO Rubbers On Pkr, P/U New SN, NEW ON/OFF TOOL, NEW PKR, Old X/Over, Tbg Sub, XN Nipple, Wire Line Re-Entry Guide, Start RIH
Start Time		12:15	13:30	End Time	Comment
					, 160 Jts, R/U H/Oiler To Tbg
Start Time		13:30	13:45	End Time	Comment
					, Pump 10 Bbls Wtr, Drop S/Valve, R/U S/Line
Start Time		13:45	14:00	End Time	Comment
					RIH W/ S/Line To Push To SN,@4952, R/U H/Oiler To Tbg
Start Time		14:00	14:15	End Time	Comment
					, Will Not Catch Psi Pump 40 Bbls Wtr, POOH W/ S/Line
Start Time		14:15	14:30	End Time	Comment
					, R/U To Fishing Tools, RIH To Fish S/Valve
Start Time		14:30	14:45	End Time	Comment
					, POOH W/ S/Line
Start Time		14:45	15:00	End Time	Comment
					, R/U H/Oiler To Pmp 40 Bbls Of 250* Wtr Down Tbg Due To Oil
Start Time		15:00	15:45	End Time	Comment
					Drop S/Valve RIH W/ S/Line, To Push To SN, R/U H/Oiler To Fill Tbg W/ 2 Bbls, POOH W/ S/Line, R/U To Tst, Tbg
Start Time		15:45	17:00	End Time	Comment
					, Start Psi Testing Tbg @3:50pm Lost 400 Psi In OneHr, Due To Heat, Psi Back Up To 3150 Psi,
Start Time		17:00	18:30	End Time	Comment
					, Lost 250 Psi In One Half Hr, Psi Is 2825, SWIFN.....



Well Name: Tar Sands 16-29-8-17

Job Detail Summary Report

Sundry Number: 54009 API Well Number: 43013318710000

Start Time	End Time	Comment
18:30	19:00	C/Travl
24hr Activity Summary		
Report Start Date 7/25/2014	Report End Date 7/25/2014	Testing Tbg To 3100 Psi
Start Time	End Time	Comment
05:30	06:00	C/Travl
06:00	07:00	Safe Meeting
07:00	07:15	Comment
07:15	09:45	SITP2100 Psi, Lost 1100Psi Over Night. SICP25 Psi, Bleed Off Gas Off Tbg R/U BMW H/Oiler
09:45	11:00	Comment
11:00	12:00	To Tbg Psi Back Up To 3000 Psi, Start Test Over@ 7:10AM, Lost 450Psi, In Two Half Hours, Bleed Down Tbg
12:00	15:00	Comment
15:00	16:30	R/U S/Line To Fish S/Valve, R/U H/Oiler To Tbg Flush W/ 15 Bbls Wtr, Drop S/Valve Pump W/15 To SN, R/U
16:30	17:30	Test Tool And Start Testing Tbg To 3100 Psi
17:30	18:00	Comment
18:00	19:00	Lost 200 Psi In 1 Hr, Pump Back Up To 3100 Psi
19:00	20:00	Comment
20:00	21:00	Lost 200 Psi, 2 Hours, R/U To Fish S/Valve, POOH W/ S/Line, R/U H/Oiler To Tbg Pump 20 Bbls Wtr, Drop
21:00	22:00	S/Valve R/U S/Line RIH W/ S/Line To S/Valve SN, R/U H/Oiler To Tbg Fill, POOH W/ S/Line, R/U Back Up To
22:00	23:00	Test Tbg
23:00	24:00	Comment
24:00	25:00	Lost 160 Psi 1 1/2 Hr, Bleed Off Gas, Pump Back Up To 3150 Psi
25:00	26:00	Comment
26:00	27:00	Lost 80psi 1 Hr, Check Psi On Tbg Monday. SWIFW
27:00	28:00	Comment
28:00	29:00	C/Travl
24hr Activity Summary		
Report Start Date 7/28/2014	Report End Date 7/28/2014	MIT Performed/ Passed
Start Time	End Time	Comment
05:30	06:00	C/Travl
06:00	07:00	Comment
07:00	07:15	Safe Meeting
07:15	07:45	Comment
07:45	09:15	: SITP 2550 Psi, Lost 500Psi Over Weekend, Csg Was On Suck, Bleed Off Gas From Tbg
09:15	10:00	Comment
10:00	10:30	BMW H/O PT Tbg to 3100psi
10:30	10:45	Comment
10:45	11:00	20psi Loss in 30Min, 10psi Loss in 30Min, NO PRESSURE LOSS IN 30MIN, GOOD TEST!
11:00	11:15	Comment
11:15	11:30	BD Press, Retrieve S/Valv
11:30	11:45	Comment
11:45	12:00	: R/D Rig Flr, ND BOPs
12:00	12:15	Comment
12:15	12:30	: MU Injection Tree
12:30	12:45	Comment
12:45	13:00	: H/O Pmped 60BW w/ Multi Chem PKR Fluids d/ Annulus, Circ @ 35BW
13:00	13:15	Comment
13:15	13:30	: Set Arrow Set PKR CE @ 4961' W/ 15,000 Tension
13:30	13:45	Comment
13:45	14:00	: H/O Filled Annulus w/ 20BW, Allowed Gas to Surface
14:00	14:15	Comment
14:15	14:30	

NEWFIELD



Job Detail Summary Report

Well Name: Tar Sands 16-29-8-17

Start Time	12:30	End Time	13:15	Comment : NU I/Tree, PT Annulus to 1510psi, 12:35: 10psi Loss in 15Min, NO PRESSURE LOSS in 30MIN, Called For MIT
Start Time	13:15	End Time	14:00	Comment Waiting On MIT
Start Time	14:00	End Time	16:45	Comment Steamed on NC1 & Equip
Start Time	16:45	End Time	17:15	Comment Newfield Wtr Service Rep Started MIT. Workover MIT performed on the above listed well. On 07/28/2014 the csg was pressured up to 1539 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-10403
Start Time	17:15	End Time	17:30	Comment MIT Passed 1538-1539psi,
Start Time	17:30	End Time	18:30	Comment RDSU,
Start Time	18:30	End Time	19:00	Comment C/ Travl...

NEWFIELD

Schematic

Well Name: Tar Sands 16-29-8-17

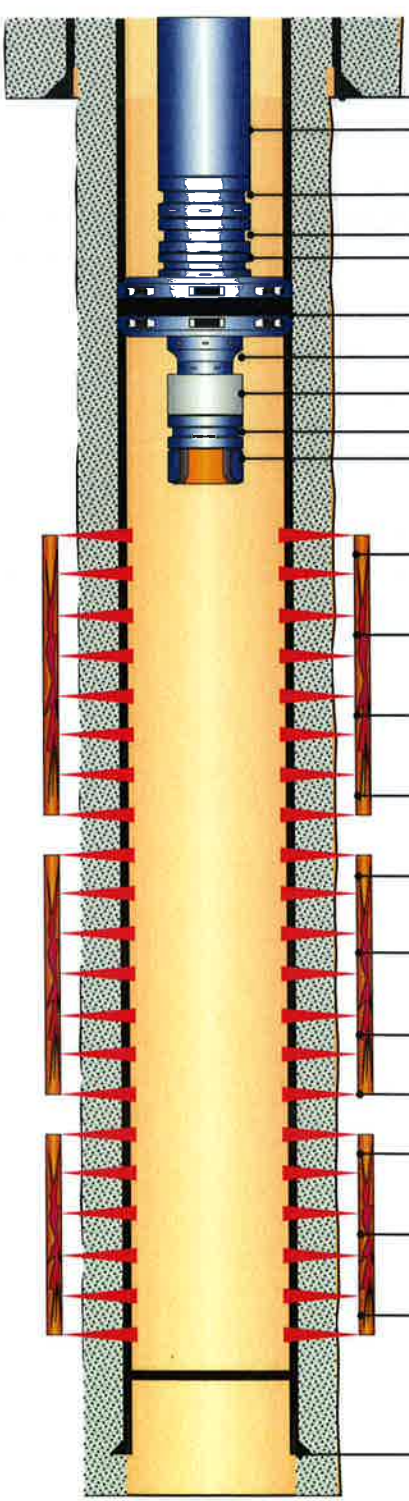
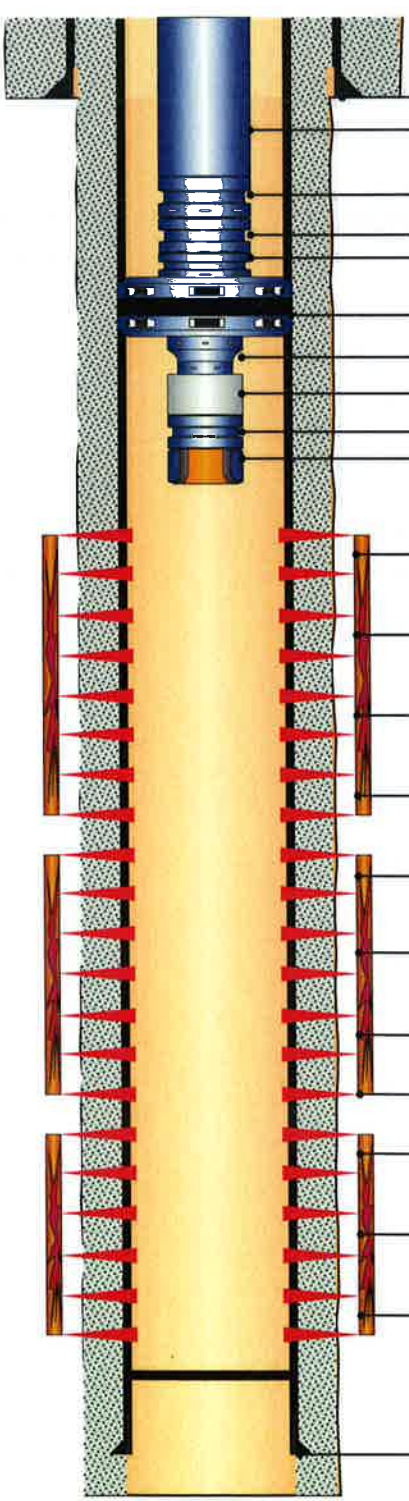
Surface Legal Location 29-8S-17E	API/UWI 43013318710000	Well RC 500151513	Lease	State/Province Utah	Field Name GMBU CT B7	County DUCHESNE
Spud Date 8/7/1997	Rig Release Date	On Production Date 9/4/1997	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,988.0

Most Recent Job

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 7/23/2014	Job End Date 7/28/2014
---------------------------------------	-----------------------------	-------------------------------------	-----------------------------	---------------------------

TD: 6,050.0

Vertical - Original Hole, 7/30/2014 2:07:59 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (° ...	
13.1				 <p>1; Surface; 8 5/8 in; 8.097 in; 13-312 ftKB; 299.00 ft</p> <p>7-1; Tubing; 2 7/8; 2,441; 13-4,955; 4,941.65</p> <p>7-2; Pump Seating Nipple; 2 7/8; 4,955-4,956; 1.10</p> <p>7-3; On-Off Tool; 2 7/8; 4,956-4,957; 1.45</p> <p>7-4; X Seal Nipple; 2 7/8; 4,957-4,958; 0.33</p> <p>7-5; Packer; 5 1/2; 3,300; 4,958-4,964; 6.95</p> <p>7-6; Cross Over; 2 3/8; 4,964-4,965; 0.51</p> <p>7-7; Tubing Pup Joint; 2 3/8; 4,965-4,969; 4.10</p> <p>7-8; XN Nipple; 2 3/8; 4,969-4,970; 1.22</p> <p>7-9; Wireline Guide; 2 3/8; 4,970-4,971; 0.40</p> <p>Perforated; 5,034-5,037; 8/29/1997</p> <p>Perforated; 5,040-5,045; 8/29/1997</p> <p>Perforated; 5,047-5,049; 8/29/1997</p> <p>Perforated; 5,108-5,111; 8/29/1997</p> <p>Perforated; 5,300-5,313; 8/27/1997</p> <p>Perforated; 5,327-5,332; 8/27/1997</p> <p>Perforated; 5,337-5,339; 8/27/1997</p> <p>Perforated; 5,357; 8/27/1997</p> <p>Perforated; 5,770-5,772; 8/24/1997</p> <p>Perforated; 5,795-5,800; 8/24/1997</p> <p>Perforated; 5,802-5,808; 8/24/1997</p> <p>2; Production; 5 1/2 in; 4.950 in; 13-6,026 ftKB; 6,013.00 ft</p>
311.4				
312.0				
3,000.0				
4,954.7				
4,955.7				
4,957.3				
4,957.7				
4,964.6				
4,964.9				
4,969.2				
4,970.5				
4,970.8				
5,034.1				
5,037.1				
5,040.0				
5,044.9				
5,046.9				
5,048.9				
5,107.9				 <p>Perforated; 5,108-5,111; 8/29/1997</p> <p>Perforated; 5,300-5,313; 8/27/1997</p> <p>Perforated; 5,327-5,332; 8/27/1997</p> <p>Perforated; 5,337-5,339; 8/27/1997</p> <p>Perforated; 5,357; 8/27/1997</p> <p>Perforated; 5,770-5,772; 8/24/1997</p> <p>Perforated; 5,795-5,800; 8/24/1997</p> <p>Perforated; 5,802-5,808; 8/24/1997</p> <p>2; Production; 5 1/2 in; 4.950 in; 13-6,026 ftKB; 6,013.00 ft</p>
5,110.9				
5,299.9				
5,313.0				
5,327.1				
5,332.0				
5,336.9				
5,338.9				
5,357.0				
5,770.0				
5,772.0				
5,794.9				
5,799.9				
5,801.8				
5,808.1				
5,987.9				
6,025.6				
6,025.9				
6,049.9				

NEWFIELD**Newfield Wellbore Diagram Data
Tar Sands 16-29-8-17**

Surface Legal Location 29-8S-17E		API/UWI 43013318710000		Lease	
County DUCHESENE	State/Province Utah	Basin Uintah Basin		Field Name GMBU CTB7	
Well Start Date 8/7/1997		Spud Date 8/7/1997		Final Rig Release Date 9/4/1997	
Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth (ftKB) 6,050.0		Total Depth All (TVD) (ftKB) Original Hole - 5,988.0	

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	8/8/1997	8 5/8	8.097	24.00	J-55	312
Production	8/16/1997	5 1/2	4.950	15.50	J-55	6,026

Cement**String: Surface, 312ftKB 8/9/1997**

Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 312.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 40	Class Prem Plus	Estimated Top (ftKB) 13.0

String: Production, 6,026ftKB 8/16/1997

Cementing Company	Top Depth (ftKB) 13.0	Bottom Depth (ftKB) 3,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Lead	Amount (sacks) 315	Class Hlbond	Estimated Top (ftKB) 13.0

String: Production, 6,026ftKB 8/16/1997

Cementing Company	Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 6,050.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description	Fluid Type Tail	Amount (sacks) 320	Class Thixo	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description					Run Date	Set Depth (ftKB)		
Tubing					7/25/2014	4,970.7		
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	160	2 7/8	2.441	6.50	J-55	4,941.65	13.0	4,954.7
Pump Seating Nipple	1	2 7/8				1.10	4,954.7	4,955.8
On-Off Tool	1	2 7/8				1.45	4,955.8	4,957.2
X Seal Nipple	1	2 7/8				0.33	4,957.2	4,957.5
Packer	1	5 1/2	3.300			6.95	4,957.5	4,964.5
Cross Over	1	2 3/8				0.51	4,964.5	4,965.0
Tubing Pup Joint	1	2 3/8				4.10	4,965.0	4,969.1
XN Nipple	1	2 3/8				1.22	4,969.1	4,970.3
Wireline Guide	1	2 3/8				0.40	4,970.3	4,970.7
		2 3/8					4,970.7	4,970.7

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
3	C/B Sands, Original Hole	5,034	5,037	4			8/29/1997
3	C/B Sands, Original Hole	5,040	5,045	4			8/29/1997
3	C/B Sands, Original Hole	5,047	5,049	4			8/29/1997
3	C/B Sands, Original Hole	5,108	5,111	4			8/29/1997
2	A sands, Original Hole	5,300	5,313	4			8/27/1997
2	A sands, Original Hole	5,327	5,332	4			8/27/1997
2	A sands, Original Hole	5,337	5,339	4			8/27/1997
2	A sands, Original Hole	5,357	5,357	4			8/27/1997
1	CP sands, Original Hole	5,770	5,772	4			8/24/1997
1	CP sands, Original Hole	5,795	5,800	4			8/24/1997
1	CP sands, Original Hole	5,802	5,808	4			8/24/1997

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
1	1,884	0.754					
2	2,901	0.978					
3	2,277	0.885					

NEWFIELD**Newfield Wellbore Diagram Data
Tar Sands 16-29-8-17**

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
1		
2		
3		



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

JUL 08 2014

Ref: 8ENF-UFO

RECEIVED

JUL 14 2014

CERTIFIED MAIL 7008-3230-0003-0727-5553
RETURN RECEIPT REQUESTED

DIV OF OIL, GAS & MINING

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

29 85 17E

Re: Underground Injection Control (UIC)
Notice of Violation:
Loss of Mechanical Integrity
Tar Sands Federal 16-29-8-17 Well
EPA Well ID# UT22197-10403
API # 43-013-31871
Duchesne County, UT

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Dear Mr. Horrocks:

On July 3, 2014, the Environmental Protection Agency (EPA) learned that the Newfield Exploration Company injection well referenced above lost mechanical integrity on July 3, 2014. Pursuant to the above-referenced UIC Permit and Title 40 of the Code of Federal Regulations Section 144.51(q)(1) (40 C.F.R. § 144.51(q)(1)), you must establish and maintain mechanical integrity. A loss of mechanical integrity is a violation of this requirement.

Pursuant to the above-referenced UIC Permit and the regulations at 40 C.F.R. § 144.51(q)(2), you must immediately cease injection into this well. Before injection may resume, you must demonstrate that the well has mechanical integrity by passing a mechanical integrity test (MIT). You must also receive written authorization from the EPA.

Within thirty (30) days of receipt of this letter, please submit a letter describing what action you intend to take regarding the well, including a time frame in which you anticipate the work to be completed. It is expected that you will return this well to compliance within ninety (90) days of the loss of mechanical integrity.

If you choose to plug and abandon this well, a plugging and abandonment plan must be submitted to the EPA for approval prior to the plugging operation.

Failure to comply with the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitutes one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056.
Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Mark Chalfant, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Gordon Howell, Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Ronald Wopsock, Vice-Chairman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Reannin Tapoof, Executive Assistant
Uintah & Ouray Business Committee
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Stewart Pike, Councilman
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Tony Small, Councilman
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Bruce Ignacio, Councilman
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Phillip Chimburas, Councilman
Uintah & Ouray Business Committee
P.O. Box 190
Fort Duchesne, Utah 84026

Manuel Myore, Director of Energy,
Minerals and Air Programs
Ute Indian Tribe
P.O. Box 190
Fort Duchesne, Utah 84026

✓ John Rogers
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

AUG 08 2014

RECEIVED

AUG 13 2014

DIV. OF OIL, GAS AND MINING

Ref: 8ENF-UFO

CERTIFIED MAIL 7008-3230-0003-0727-5713
RETURN RECEIPT REQUESTED

Mr. J D Horrocks
Newfield Exploration Company
Route 3, Box 3630
Myton, UT 84052

29 85 17E

Re: Underground Injection Control (UIC)
Permission to Resume Injection
Tar Sands Federal 16-29-8-17 Well
EPA ID# UT22197-10403
API # 43-013-31871
Duchesne County, UT

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

Dear Mr. Horrocks:

On August 4, 2014, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on July 28, 2014. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before July 28, 2019.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years ("temporary abandonment"), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water ("non-endangerment demonstration") during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056.
Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,


Mark Chalfant, Acting Director
UIC/FIFRA/OPA Technical Enforcement Programs

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✓ John Rogers
 Utah Division of Oil, Gas and Mining
 P.O. Box 145801
 Salt Lake City, Utah 84114

